

# TM 11-5820-215-35P

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

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DS, GS AND DEPOT MAINTENANCE REPAIR  
PARTS AND SPECIAL TOOL LISTS

MODULATOR-OSCILLATOR GROUP  
OA-2180/FRT-51



Headquarters, Department of The Army  
5 February 1965





TECHNICAL MANUAL

No. 11-5820-215-35P

HEADQUARTERS,  
DEPARTMENT OF THE ARMY

WASHINGTON, D. C. 20315, 5 February 1965

**MODULATOR-OSCILLATOR GROUP OA 2180/FRT-51**

	Paragraph	Page
<b>SECTION I. INTRODUCTION</b>		
Scope	1	ii
Parts for maintenance	2	iii
Electron tubes	3	iii
Requisitioning information	4	iii
References	5	iii
Reporting of equipment manual improvements	6	iii
<b>II. FUNCTIONAL PARTS LIST</b>		
Group 1 Cabinet, Electrical Equipment CY-3747/FRT-51		1
2 Control-Indicator C-4445/FRT-51		3
3 Converter-Monitor CV-1410/FRT-51		4
4 Converter-Amplifier-Modulator CV-1411/FRT-51		52
5 Cooler, Air, Electronic Equipment HD-581/FRT-51		66
6 Interconnecting Box J-2123/FRT-51		67
7 Maintenance Kit, Electronic Equipment MK-686/FRT-51		69
8 Oscillator-Divider Frequency 0-1044/FRT-51		73
9 Power Supply PP-3564/FRT-51		91
10 Transformer Assembly TF-425/FRT-51 (Automatic Control, Line Voltage)		98
11 Transformer Assembly TF-451/FRT-51		101

\*This manual supersedes TM 11-5820-215-35P, 1 December 1959, including C3, 28 January 1964.

## SECTION I

### INTRODUCTION

#### 1. Scope

a. This manual lists the quantities of repair parts for direct support, general support, and depot maintenance and is a basis for requisitioning authorized parts. It is also a guide for depot maintenance in establishing initial levels of spare parts.

b. Columns are as follows:

(1) *Source, maintenance, and recoverability code.* Source, maintenance, and recoverability codes indicate the technical service responsible for supply, the maintenance category at which an item is stocked, categories at which an item is installed or repaired, and whether an item is repairable or salvageable. The source code column is divided into four parts.

(a) *Column A.* This column indicates the materiel code and designates the area of responsibility for supply. AR 310-1 defines the basic numbers used to identify the materiel code. If the part is Signal materiel responsibility, the column is left blank.

(b) *Column B.* This column indicates the point within the maintenance system where the part is available. "P" indicates that the repair part is a high mortality part; procured by technical services, stocked in and supplied from the technical service depot system, and authorized for use at indicated maintenance categories.

(c) *Column C.* This column indicates the lowest maintenance categories authorized to install the part.

"O"—Organizational maintenance (operator and organizational).

"F"—Direct support maintenance.

"H"—General support maintenance.

(d) *Column D.* The symbols in this column indicate whether the item is repairable or salvageable, as follows:

"R"—indicates that the part or assembly is economically repairable and is supplied, when available, on an exchange basis.

(2) *Federal stock number.* This column lists the 11-digit Federal stock number.

(3) *Designation by model.* Not used.

(4) *Description.* Nomenclature or the standard item name and brief identifying data for each item are listed in this column. When requisitioning, enter the nomenclature and description.

(5) *Unit of issue.* The unit of issue is each unless otherwise indicated and is the supply term by which the individual item is counted for procurement, storage, requisitioning, allowances, and issue purposes.

(6) *Expendability.* Nonexpendable items are indicated by NX. Expendable items are not annotated.

(7) *Quantity incorporated in unit.* This column lists the quantity of each part found in a given assembly, component, or equipment.

(8) *Direct support.* This column indicates quantities of repair parts authorized for initial stockage for use in direct support maintenance and in supply support to organization. The quantities are based on 100 equipments to be maintained for a 15-day period.

(9) *General support.* The numbers in this column indicate quantities of repair parts authorized for initial stockage for use in general support maintenance. The quantities are based on



100 equipments to be maintained for a 15-day period.

- (10) *Depot.* The numbers in this column indicate quantities of repair parts authorized for depot maintenance and for initial stockage for maintenance, and for supply support to lower categories. The entries are based on the quantity required for rebuild of 100 equipments.
- (11) *Illustration.* The "Item No." column lists the reference symbols used for identification of the items in the illustration or text of the manual.

## 2. Parts for Maintenance

When this equipment is used by signal service organizations organic to the theater headquarters or communication zones to provide theater communications, those repair parts authorized up to and including general support are authorized for stockage by the organization operating this equipment.

## 3. Electron Tubes

The consumption rates given for tubes are conservative theoretical estimates and are provided for use only when more complete information, such as data based on operating experience, is not available. These figures are based on levels and requirements for equipment actually in use, not on authorizations or equipment stored in depots.

## 4. Requisitioning Information

a. The allowance factors are based on 100 equipments. In order to determine the number of parts authorized for initial stockage for the specific number of equipments supported, the following formula will be used and carried out to two decimal places.

$$\begin{array}{rcl} \text{Specific number of equipments supported} & & \\ \text{X} & \frac{\text{allowance factor}}{100} & = \\ & \text{Number of parts authorized for} & \\ & \text{initial stockage.} & \end{array}$$

b. Fractional values obtained from above computation will be rounded to whole numbers as follows:

- (1) When the total number of parts authorized is less than 0.5, the quantity authorized will be zero.
- (2) When the total number of parts authorized is between 0.5 and 1.0, the quantity authorized will be one.
- (3) For all values above one, fractional values below 0.5 will revert to the next lower whole number and fractional value 0.5 and above will advance to the next higher whole number.

c. The quantities determined in accordance with the above computation represent the initial stockage for a 15-day period.

## 5. References

A maintenance allocation chart showing all repair operations authorized to be performed by the respective categories of maintenance is contained in TM 11-5820-215-20P. A basic issue items list is contained in TM 11-5820-215-10P.

## 6. Reporting of Equipment Manual Improvements

The direct reporting by the individual user of errors, omissions, and recommendations for improving this equipment manual is authorized and encouraged. DA Form 2028 will be used for reporting these improvements. This form may be completed using pencil, pen, or typewriter. DA Form 2028 will be completed in triplicate and forwarded by the individual using the manual. The original and one copy will be forwarded direct to: Commanding General, U. S. Army Electronics Command, ATTN: AMSEL-MR-MA, Fort Monmouth, New Jersey 07703. One information copy will be furnished to the individual's immediate supervisor (officer, noncommissioned officer, supervisor, etc).





## SECTION II. FUNCTIONAL PARTS LIST

SOURCE CODE	FEDERAL STOCK NUMBER			DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
												FIGURE NO.	ITEM NO.
A	B	C	D		MODULATOR-OSCILLATOR GROUP OA-2180/FRT-51		NX						
					GROUP I CABINET, ELECTRICAL EQUIPMENT CY-3747/FRT-51								
P	F				ADAPTOR, CONNECTOR: 3/4 in. cable opening dia; MIL type AN-3057-12			1	1.0	0.3	4.0		H3866
P	O				ADAPTER, CONNECTOR: 2 female cont; IPC part 47200; Item No.'s: J3809, J3810, J3811, J3831, J3832, J3833, J3834			7	3.4	1.1	21.0		See Desc. Column
P	F				CABLE, RADIO FREQUENCY: coax; 500 ohm; MIL type RG-196/U (Authorized allowances will be a minimum of or a multiple of 31.5, 22, 72.5, 12, 20, 18, 14 ft) (Authorized allowances based on a total of 196) Item No.'s: W3804A, W3805A, W3807A, Thru W3812A, W3814A			190	22.2	10.0	270.0		See Desc. Column
P	F				CLAMP, LOOP: molded nylon; Burndy part HP-7N; (Authorized allowances based on a total of 12)			8	2.6	0.8	24.0		H3802
P	F				CLAMP, LOOP: molded nylon; Burndy HP-8N (Authorized allowances based on a total of 13)			2	3.4	1.1	26.0		H3803
P	F				CLAMP, LOOP: molded nylon; Burndy part HP-10N; (Authorized allowances based on a total of 14)			10	3.4	1.1	28.0		H3804
P	F				CONNECTOR, PLUG, ELECTRICAL: 1 female cont; IPC part 45850; (Authorized allowances based on a total of 43) Item No.'s: P3809, Thru P3811, P3827, P3828, P3831 thru P3834, P3836 thru P3840, P3847 thru P3850, P3852 thru P3860			32	6.7	2.5	26.0		See Desc. Column
P	F				CONNECTOR, PLUG, ELECTRICAL: 4 female cont; Hubbell part 7413			1	1.0	0.3	4.0		P3825

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A   B   C   D			OA-2180/FRT-51 (continued)								
P F	5935-201-3484		CONNECTOR, PLUG, ELECTRICAL: 4 male cont; Hubbell part 7426; (Authorized allowances based on a total of 2)			1	1.0	0.3	4.0		P3819
P F	5935-647-1156		CONNECTOR, PLUG, ELECTRICAL: 8 female cont; Amphenol 26-4502-8s			1	1.0	0.3	4.0		P3816
P F	5935-647-1157		CONNECTOR, PLUG, ELECTRICAL: 8 male cont; Amphenol 26-4502-8P			1	1.0	0.3	4.0		P3806
P F	5935-549-3136		CONNECTOR, PLUG, ELECTRICAL: 16 female cont; Amphenol 26-4301-16S			1	1.0	0.3	4.0		P3812
P F	5935-296-8792		CONNECTOR, PLUG, ELECTRICAL: 16 male cont; Amphenol 26-4502-16P			1	1.0	0.3	4.0		P3807
P F	5935-296-8771		CONNECTOR, PLUG, ELECTRICAL: 16 male cont; Amphenol 26-4501-16P			1	1.0	0.3	4.0		P3802
P F	5935-189-6253		CONNECTOR, PLUG, ELECTRICAL: 19 male cont; MIL type 3106A-22-14S			1	1.0	0.3	4.0		P3817
P F	5935-296-8775		CONNECTOR, PLUG, ELECTRICAL: 24 female cont; Amphenol part 26-4501-24S			1	1.0	0.3	4.0		P3815
P F	5935-502-7716		CONNECTOR, PLUG, ELECTRICAL: 24 male cont; Amphenol 26-4501-24P			1	1.0	0.3	4.0		P3805
P F	5935-539-2198		CONNECTOR, PLUG, ELECTRICAL: 32 female cont; Amphenol 26-4503-32S			1	1.0	0.3	4.0		P3813
P F	5935-615-9283		CONNECTOR, PLUG, ELECTRICAL: 32 female cont; Amphenol 26-4505-32S			1	1.0	0.3	4.0		P3814
P F	5935-504-4232		CONNECTOR, PLUG, ELECTRICAL: 32 male cont; Amphenol part 26-4503-32P			1	1.0	0.3	4.0		P3803
P F	5935-504-4234		CONNECTOR, PLUG, ELECTRICAL: 32 male cont; Amphenol part 26-4505-32P			1	1.0	0.3	4.0		P3804
P F	5820-585-8508		GASKET: rubber and cork composition; 3-13/16 in. lg x 2-13/16 in. w; Collins Part/dwg 543-8770-002			1	1.0	0.3	4.0		03822
P F	4720-585-8507		HOSE, AIR DUCT: cotton fabric; 2-1/4 in. id x 26-1/2 in. lg; American Vent Hose Co. type CWS			1	1.0	0.3	4.0		03823



SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A   B   C   D			OA-2180/FRT-51 (continued)								
P F	5820-647-3848		SPRING, DUCT: irregular shape; Collins part/dwg 543-8778-003			1	1.0	0.3	4.0		03820
P F	5820-647-3847		SPRING, HELICAL, EXTENSION: 0.147 in. id x 0.203 in. od x 4-1/4 in. lg; Collins part/dwg 544-1490-002 (Authorized allowances based on a total of 5)			1	1.0	0.3	4.0		03824
			GROUP 2								
P F	5935-536-2010		CONTROL-INDICATOR C-4445/FRT-51			1	1.0	0.3	4.0		J3601
			CONNECTOR, RECEPTACLE, ELECTRICAL: 16 male cont; Amphenol part 26-4401-16P								
P O	6240-143-3060		LAMP, INCANDESCENT: 120v, 6 w; double cont bayonet candelabra base; Westinghouse part 6S6DC(120)			4	2.3	0.7	12.0		I3601 thru I3604
P F	6210-299-6381		LIGHT, INDICATOR: 115v; 2-5/8 in. lg x 1 in. dia; Dialight part 513502-1			4	2.3	0.7	12.0		XI-3601 thru XI-3604
P O	6210-299-3908		LENS, INDICATOR LIGHT: plastic; amber; Collins part/dwg 262-0184-00			1	1.0	0.3	4.0		XI-3603A
P O	6210-500-2300		LENS, INDICATOR LIGHT: plastic; blue; Collins part/dwg 262-0186-00			1	1.0	0.3	4.0		XI-3604A
P O	6210-500-1610		LENS, INDICATOR LIGHT: plastic; green; Collins part/dwg 262-0183-00			1	1.0	0.3	4.0		XI-3602A
P O	6210-299-3882		LENS, INDICATOR LIGHT: plastic; Red; Collins part/dwg 262-0182-00			1	1.0	0.3	4.0		XI3601A
P F	5930-026-9939		SWITCH, PUSH: 2 circuit, 1 position momentary; 600v, 10 amp; Cutler-Hammer type 10250H521A12			2	1.5	0.5	8.0		S3601, S3603
P F	5930-026-9938		SWITCH, PUSH: 2 circuit, 1 position momentary; 600v 10 amp; Cutler-Hammer type 10250H520A12			2	1.5	0.5	8.0		S3602, S3604

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRCCT. IN SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D			OA-2180/FRT-51 (continued)								
			GROUP 3								
			CONVERTER-MONITOR CV-1410/FRT-51								
P F	5930-296-9610		ADAPTER, SWITCH ACTUATOR: spring leaf w/roller type; Micro Switch part JS-5			2	1.0	0.3	8.0		0899, 394, 0899, 403
P F	6625-585-5492		AMMETER: panel type; microampere; 0-10 left to right; Collins part/dwg 458-0450-00			1	1.0	0.3	4.0		M801
P O R	5805-677-0239		AMPLIFIER-CONVERTER "A": 300kc and 2 to 4 mc input; 1.7 to 3.7 mc resultant freq, +125v, +130vdc, 12.6vac, 50 to 60 cyc, 1 ph; Collins part/dwg 544-1725-015	NX		1	0.7	0.2	4.0		
P O R	5805-677-0238		AMPLIFIER-CONVERTER "B": 300kc + 2 to 4 mc input, 2.3 to 4.3 mc resultant freq, +125v, +300vdc, 12.6vac, 50 to 60 cyc, 1 ph; Collins part/dwg 544-1732-015	NX		1	0.7	0.3	4.0		
P O R	5805-677-0240		AMPLIFIER-CONVERTER "C": 1.7 to 3.7 mc and 6 to 12 mc input, 4.3 to 8.3 mc resultant freq, +300vdc, 125vdc 12.6vac, 50 to 60 cyc, 1 ph; Collins part/dwg 544-1733-015	NX		1	0.7	0.2	4.0		
P O R	5805-677-0241		AMPLIFIER-CONVERTER "D": 1.7 50 3.7 mc + 6 to 12 mc input, 8.3 to 16.3 mc resultant freq, +125v, +300 vdc 12.6vac, 50 to 60 cyc, 1 ph; Collins part/dwg 544-1726-015	NX		1	0.7	0.2	4.0		
P O R	5805-677-0229		AMPLIFIER-CONVERTER "E": 1.7 to 3.7 mc + 14 to 28 mc input, 16.3 to 32.3 resultant freq, +125vdc, 300 vdc, 12.6vac, 50 to 60 cyc, 1 ph; Collins part/dwg 544-1734-015	NX		1	0.7	0.2	4.0		0842
P F	5820-652-5571		ARM-SHAFT ASSEMBLY: connecting arm from fine counter gears to course counter gears; Collins part/dwg 544-2093-002			1	0.7	0.2	4.0		
P F R	5805-677-0242		AUTOTUNE SHAFT ASSEMBLY: p/oa uotune 96v-11; Collins part/dwg 543-7757-003			1	0.7	0.2	4.0		0899, 123



SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D P F R	5805-677-0243		OA-2180/FFT-51 (continued) AUTOTUNE SHAFT ASSEMBLY: p/o Autotune 96V-11; Collins part/dwg 543-7756-003	NX		1	0.7	0.2	4.0		0899.139
P F R	5805-677-0244		AUTOTUNE SHAFT ASSEMBLY: p.o autotune 96V-11; Collins part/dwg 503-7699-002	NX		1	0.7	0.2	4.0		0899.145
P F R	5820-652-8907		AUTOTUNE 96U-19: Collins part/dwg 522-1138-004	NX		1	0.7	0.3	4.0		
P F R	5820-652-8908		AUTOTUNE 96V-11: Collins part/dwg 522-1139-005	NX		2	1.0	0.3	8.0		
P F R	3110-144-8843		BEARING, BALL: for B801A; Hamilton Beach type AU-25A; Collins part/dwg 234-0058-00	NX		1	1.3	0.4	4.0		
P F R	3110-155-9630		BEARING, BALL: for B801A; Hamilton Beach type WA-35A; Collins part/dwg 234-0357-00			1 1	1.3 1.3	0.4 0.4	4.0 4.0		
P F R	3110-155-9589		BEARING, BALL, ANNULAR: 0.125 in. bore dia x 0.375 in. OD; New Departure Div type 77R-2; Collins part/dwg 309-0012-00			3	2.5	0.8	9.0		0899.325 01011
P F R	3110-155-9601		BEARING, BALL, ANNULAR: 0.1875 in. bore dia x 0.500 in. od; New Departure Div part 77-R-3; Item No.'s: 0899.38 thru 0899.42, 0899.324, 0899.327, 01210, 01211, 01220, 01221, 01515, 01516, 01809, 0810, 01906, 01907, 02006, 02007, 02104, 02105, 02206, 02207			38	6.7	2.3	38.0		See Desc. Column
P F R	3110-293-9167		BEARING, BALL, ANNULAR: 0.1875 in. bore dia x 0.5000 in. od; New Departure Div part 77-R-3XR1AW			4	2.6	0.8	12.0		01007, 01008, 01102, 01106
P F R	3110-289-6512		BEARING, BALL, ANNULAR: 0.2500 in. bore dia; Miniature Precision Bearing Inc. type SS614FCHH; Item No.'s: 0847 thru 0852, 0892 thru 0899, 0899.252, 0899.260, 0899.272, 0899.280			22	4.0	1.4	44.0		See Desc. Column
P F R	3110-289-6739		BEARING, BALL, ANNULAR: 0.250 in. bore dia x 0.6250 od; New Departure Div type 77-R-4XR3G			14	3.4	1.1	14.0		0899.297 0899.299 0899.301

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										FIGURE NO.	ITEM NO.
A   B   C   D											
P F	3110-155-8416		OA-2180/FRT-51 (continued) BEARING, BALL, ANNULAR: 0.3750 in. bore dia x 0.8750 in. od; New Departure Div type 77-R-6			2	1.9	0.6	8.0		0899.43 0899.44
P F	3110-155-8869		BEARING, BALL, ANNULAR: 0.750 in. dia x 1.6250 in. od; New Departure Div type R-12			2	1.9	0.6	8.0		01003 01101
P F	3120-659-5193		BEARING, SLEEVE: bronze; 0.1250 in. id x 0.3075 in. od x 0.109 in. lg; Collins part/dwg 544-1608-002 Item No.'s: 01512, 01513, 01807, 01808, 01919, 01920, 02012, 02013, 02110, 02111, 02222, 02223			12	4.5	1.6	36.0		See Desc. Column
P F	3120-287-9073		BEARING, SLEEVE: Bronze 0.1865 in. id x 0.250 in. od x 0.245 in. lg; Amplex Div part No. A-206-3 Item No.'s: 0899.289, 0899.298, 01217, 01218, 01521, 01522, 01814, 01815, 01910, 01911, 02010, 02011, 02108, 02109, 02210, 02211			18	5.7	2.1	48.0		See Desc. Column
P F	3120-729-4466		BEARING, SLEEVE: bronze; 0.1860 in. id x 0.251 in. od x 0.312 in. lg; Amplex Div part No. A-225-1			3	1.9	0.6	9.0		0899.294
P F	3120-661-5108		BEARING, SLEEVE: bronze; 0.1875 in. id x 0.250 in. od x 0.245 in. lg; Amplex No. A-205.1			1	1.0	0.3	4.0		0899.245
P F	5820-662-6702		BEARING, SLEEVE: 0.1875 in. id x 0.3585 od x 0.120 in. lg; MIL Spec, MIL -B-5687A			1	1.0	0.3	4.0		0899.31
P F	3120-612-1758		BEARING, SLEEVE: bronze; 0.249 in. id x 0.380 in. od x 0.1825 in. lg; Amplex Div part No. F-310			1	1.0	0.3	4.0		01514
P F	3120-287-9085		BEARING, SLEEVE: bronze; 0.250 in. id x 0.3585 in. od x 0.1768 in. lg; MIL Spec MIL-V-5687A			5	2.6	0.8	15.0		0899.27 thru 0899.30 0899.32



SOURCE CODE	FEDERAL STOCK NUMBER	DENOMINATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
									FIGURE NO.	ITEM NO.
A B C D			OA-2180/FRT-51 (continued)							
P F	3120-661-5021		BEARING, SLEEVE: bronze; 0.2504 in. id x 0.376 in. od x 0.375 in. lg; Collins part/dwg 309-0890-00		1	1.0	0.3	4.0		0899.61
P F	3120-661-5333		BEARING, SLEEVE: bronze; 0.2495 in. id x 0.367 in. od x 0.245 in. lg; Amplex Div part No. A-304-35		2	1.5	0.5	8.0		0899.63 0899.64
P F	5820-678-2019		BEARING, SLEEVE: bronze; 0.250 in. id x 0.376 in. od x 0.453 in. lg; Collins part/dwg 544-0809-002		1	1.0	0.3	4.0		0899.312
P F	5805-752-8342		BEARING, SLEEVE: bronze; 0.249 in. id x 0.376 in. od x 0.650 in. lg; Collins part/dwg 545-9096-002		2	1.5	0.5	8.0		0899.331
P F	3030-585-5433		BELT, POSITIVE DRIVE: 63 teeth; U.S. Rubber Co. part No. Modl No. 9471		2	2.3	0.7	8.0		0899.319 0899.318
P F	3030-892-4517		BELT, POSITIVE DRIVE: 41 teeth; U.S. Rubber Co. part No. Mold No. 9434		3	2.6	0.8	15.0		0899.320 0899.321 0899.322
P F	3030-585-5432		BELT, POSITIVE DRIVE: 101 teeth; U. S. Rubber Co. type P5D1		1	1.5	0.5	4.0		0899.326
P F	5977-284-9988		BRUSH SET, ELECTRICAL CONTACT: for Autotone Motor B801A; Hamilton Beach part AUG-61		2	6.2	2.3	20.0		
P F	5977-201-4445		CAP, ELECTRICAL BRUSH HOLDER: bakelite; for Motor B801; Hamilton Beach type AUG-64		2	2.6	0.8	10.0		
P F	5910-100-5764		CAPACITOR, FIXED, CERAMIC DIELECTRIC: 1 uuf ±1/4 uuf; 500vdcw; MIL type CC20CK010C		4	2.3	0.7	16.0		C2106, C2116 C2206 C2216
P F	5910-686-6807		CAPACITOR, FIXED, CERAMIC DIELECTRIC: 2.2 uuf, ±5%; 500 vdcw; Stackpole part GA2-2uuf±5% Item No. 18; C1543, C1545, C1547, C1549, C1582, C1584, C1600, C1602		8	3.4	1.1	24.0		See Desc. Column

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D			OA-2180/FRT-51 (continued)								
P F	5910-824-9417		CAPACITOR, FIXED, CERAMIC DIELECTRIC: 3 uuf $\pm 5\%$ , 500 vdcw; Stackpole part GA3-3uuf $\pm 5\%$ Item No.'s: C1537, C1539, C1568, C1593, C1595, C2009, C2019			7	3.4	1.1	21.0		See Desc Column
P F	5910-556-9426		CAPACITOR, FIXED, CERAMIC DIELECTRIC: 5 uuf $\pm 1/4$ uuf; 500vdcw; MIL type CC20CH050C			4	2.3	0.7	16.0		C1558, C1601 C1926 C2218 C1816 C1825 C1916
P F	5910-197-1483		CAPACITOR, FIXED, CERAMIC DIELECTRIC: 6 uuf #1/4 uuf; 500 vdcw; MIL type CC20CH060C (Authorized allowances based on a total of 4)			3	2.3	0.7	16.0		
P F	5910-112-8421		CAPACITOR, FIXED, CERAMIC DIELECTRIC: 7 uuf $\pm 1/4$ uuf; 500 vdcw; MIL type CC20CH070C			3	1.9	0.6	12.0		C1715 C1867 C1906
P F	5910-543-9558		CAPACITOR, FIXED, CERAMIC DIELECTRIC: 9 uuf $\pm 1/2$ uuf; 500 vdcw; MIL type CC20CH090D			1	1.0	0.3	4.0		C1215
P F	5910-666-7170		CAPACITOR, FIXED, MICA DIELECTRIC: 10 uuf $\pm 5\%$ ; 500 vdcw; Electro Motive type VCM15C100J			2	1.9	0.6	12.0		C1527 C1901
P F	5910-543-9556		CAPACITOR, FIXED, CERAMIC DIELECTRIC: 10 uuf $\pm 20\%$ ; 500 vdcw; 0 uuf/uf/°C temp coef; Centralab type DA-933 " OR "			1	1.0	0.3	4.0		C1102
P F	5910-578-5165		CAPACITOR, FIXED, CERAMIC, DIELECTRIC: 10 uuf $\pm 20\%$ ; 500 vdcw; -150 uuf/uf/°C temp coef; Centralab type DA-933 " OR "			1	1.0	0.3	4.0		C1102
P F	5910-577-9013		CAPACITOR, FIXED, CERAMIC DIELECTRIC: 10 uuf $\pm 20\%$ ; 500 vdcw; -330 uuf/uf/°C temp coef; Centralab type DA-934 " OR "			1	1.0	0.3	4.0		C1102



SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A   B   C   D			OA-2180/FRT-51 (continued)								
P F	5910-578-5162		CAPACITOR, FIXED, CERAMIC DIELECTRIC: 10 uuf $\pm 20\%$ ; 500 vdw; $-470$ uuf/uf/ $^{\circ}$ C temp coef; Centralab type DA-934 " OR "			1	1.0	0.3	4.0		CI102
P F	5910-578-5160		CAPACITOR, FIXED, CERAMIC DIELECTRIC: 10 uuf $\pm 20\%$ ; 500 vdw; $-750$ uuf/uf/ $^{\circ}$ C temp coef; Centralab type DA-934 " OR "			1	1.0	0.3	4.0		CI102
P F	5910-577-9002		CAPACITOR, FIXED, CERAMIC DIELECTRIC: 10 uuf $\pm 20\%$ ; 500 vdw; $-1000$ uuf/uf/ $^{\circ}$ C temp coef; Centralab type DA-934 " OR "			1	1.0	0.3	4.0		CI102
P F	5910-578-1907		CAPACITOR, FIXED, CERAMIC DIELECTRIC: 10 uuf $\pm 20\%$ ; 500 vdw; $-1500$ uuf/uf/ $^{\circ}$ C temp coef; Centralab type DA-934 " OR "			1	1.0	0.3	4.0		CI102
P F	5910-690-9491		CAPACITOR, FIXED, CERAMIC DIELECTRIC: 12 uuf $\pm 2\%$ ; 500vdw; MIL type - CG20CH120G			3	1.9	0.6	12.0		CI583 CI594 C2236
P F	5910-690-9849		CAPACITOR, FIXED, CERAMIC DIELECTRIC: 20 uuf $\pm 20\%$ ; 500vdw; $\pm 0$ ppm/ $^{\circ}$ C temp coef; Collins part/dwg 913-2877-00 " OR "			1	1.0	0.3	4.0		CI104
P F	5910-682-3739		CAPACITOR, FIXED, CERAMIC DIELECTRIC: 20 uuf $\pm 20\%$ ; 500vdw; $-150$ ppm/ $^{\circ}$ C temp coef; Collins part/dwg 913-2878-00 " OR "			1	1.0	0.3	4.0		CI104
P F	5910-686-6857		CAPACITOR, FIXED, CERAMIC DIELECTRIC: 20 uuf $\pm 20\%$ ; 500 vdw $-330$ ppm/ $^{\circ}$ C temp coef; Collins part/dwg 913-2879-00 " OR "			1	1.0	0.3	4.0		CI104

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A   B   C   D			OA-2180/FRT-51 (continued)								
P F	5910-686-6811		CAPACITOR, FIXED, CERAMIC DIELECTRIC: 20 uuf ±20%; 500 vdcw; -470 ppm/°C temp coef; Collins part/dwg 913-2880-00			1	1.0	0.3	4.0		C1104
			" OR "								
P F	5910-686-6812		CAPACITOR, FIXED, CERAMIC DIELECTRIC: 20 uuf ±20%; 500 vdcw; -750 ppm/°C temp coef; Collins part/dwg 913-2881-00			1	1.0	0.3	4.0		C1104
			" OR "								
P F	5910-800-4236		CAPACITOR, FIXED, CERAMIC DIELECTRIC: 20 uuf ±20%; 500 vdcw; -1000 ppm/°C temp coef; Collins part/dwg 913-2882-00			1	1.0	0.3	4.0		C1104
			" OR "								
P F	5910-686-6244		CAPACITOR, FIXED, CERAMIC DIELECTRIC: 20 uuf ±20%; 500 vdcw; -1500 ppm/°C temp coef; Collins part/dwg 913-2883-00			1	1.0	0.3	4.0		C1104
P F	5910-264-9420		CAPACITOR, FIXED, MICA DIELECTRIC: 22 uuf ±5%; 500 vdcw; Electro Motive VCM150220J (Authorized allowances based on a total of 3)			2	1.9	0.6	12.0		C1212 C1530
P F	5910-667-5743		CAPACITOR, FIXED, MICA DIELECTRIC: 30 uuf ±2%; 500 vdcw; Electro Motive VCM15E300G			1	1.0	0.3	4.0		C1801
P F	5910-667-5745		CAPACITOR, FIXED, MICA DIELECTRIC: 33 uuf ±2%; 500vdcw; Electro Motive VCM15E330G			1	1.0	0.3	4.0		C1586
P F	5910-666-7886		CAPACITOR, FIXED, MICA DIELECTRIC: 47 uuf ±2%; 500vdcw; Electro Motive VCM15E470G (Authorized allowances based on a total of 4)			3	2.6	0.8	15.0		C1419 C1707 C1734
P F	5910-853-4987		CAPACITOR, FIXED, CERAMIC DIELECTRIC: 51 uuf ±1%; 500vdcw; MIL type CC32CG510F			1	1.0	0.3	4.0		C1105



SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A	B	C	D								
P	5910-667-5651		OA-2180/FRT-51 (continued) CAPACITOR, FIXED, MICA DIELECTRIC: 62 uuf ±2%; 500 vdw; Electro Motive VCM15E620G			1	1.0	0.3	4.0		C1713
P	5910-722-5862		CAPACITOR, FIXED, MICA DIELECTRIC: 68 uuf ±1%; 500 vdw; Electro Motive type 605 (Special)			2	1.5	0.5	8.0		C1538 C1544
P	5910-667-5742		CAPACITOR, FIXED, MICA DIELECTRIC: 68 uuf ±2%; 500vdc; Electro Motive part VCM15E680G			1	1.0	0.3	4.0		C1005
P	5910-577-9037		CAPACITOR, FIXED, CERAMIC DIELECTRIC: 100 uuf ±2%; 500vdc; Collins part/dwg 928-7294-00			1	1.0	0.3	4.0		C1004
P	5910-644-6399		CAPACITOR, FIXED, MICA DIELECTRIC: 100 uuf ±2%; 500vdc; Electro Motive part VCM15E101G (Authorized allowances based on a total of 7)			5	3.4	1.0	21.0		C1232 C1432 C1528 C1725 C1727 C1416
P	5910-577-7968		CAPACITOR, FIXED, MICA DIELECTRIC: 120 uuf ±1%; 500vdc; Electro Motive type 605 (Special)			1	1.0	0.3	4.0		
P	5910-666-7925		CAPACITOR, FIXED, MICA DIELECTRIC: 130 uuf ±2%; 500vdc; Electro Motive part VCM15E131G			1	1.0	0.3	4.0		C1422
P	5910-249-5412		CAPACITOR, FIXED, MICA DIELECTRIC: 180 uuf ±2%; 500vdc; Electro Motive part VCM15E181G			1	1.0	0.3	4.0		C1708
P	5910-235-2223		CAPACITOR, FIXED, MICA DIELECTRIC: 200 uuf ±2%; 500vdc; Electro Motive part VCM15E201G			2	1.5	0.5	8.0		C1742 C4802
P	5910-682-3711		CAPACITOR, FIXED, MICA DIELECTRIC: 200 uuf ±10%; 500 vdw; Electro Motive part VCM15E201K			1	1.0	0.3	4.0		C1109
P	5910-543-9562		CAPACITOR, FIXED, MICA DIELECTRIC: 220 uuf ±1%; 300 vdw; Electro Motive type 605 (Special)			1	1.0	0.3	4.0		C1570

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A	B	C	D								
P	F		5910-229-1752								
			OA-2180/FRT-51 (continued)								
			CAPACITOR, FIXED, MICA DIELECTRIC: 220 uuf ±2%; 500vdcw; Electro Motive part VCM15E221G			3	1.9	0.6	12.0		C1009 C1421 C1423
P	F		5910-249-5443								
			CAPACITOR, FIXED, MICA DIELECTRIC: 300 uuf ±2%; 500vdcw Electro Motive part VCM15E301G			1	1.0	0.3	4.0		C1110
P	F		5910-688-2566								
			CAPACITOR, FIXED, CERAMIC DIELECTRIC: 360 uuf ±1%; 250 vdcw; Sprague part 8103			1	1.0	0.3	4.0		C1103
P	F		5910-191-2639								
			CAPACITOR, FIXED, MICA DIELECTRIC: 470 uuf ±2%; 300 vdcw; Electro Motive part VCM15E471G; Item No.'s: C1208, C1420, C1435, C1526, C1529 C1550, C1552, C1575, C1705			9	4.0	1.4	30.0		See Desc. Column
P	F		5910-280-9571								
			CAPACITOR, FIXED, MICA DIELECTRIC: 510 uuf ±2%; 300 vdcw; Electro Motive part CM15E511G; Item No.'s: C1802, C1902, C2002, C2102, C2202			5	5.7	2.1	54.0		See Desc. Column
P	F		5910-270-5412								
			CAPACITOR, FIXED, MICA DIELECTRIC: 1000 uuf ±1%; 500 vdcw; Electro Motive part VCM20E102F; Item No.'s: C1240, C1714, C1729, C1730, C1733, C1735, C2022			7	3.4	1.0	21.0		See Desc. Column
P	F		5910-667-5643								
			CAPACITOR, FIXED, MICA DIELECTRIC: 1100 uuf ±2%; 500 vdcw; Erie type 370-FA			3	1.9	0.6	12.0		C1826 C1929 C2017
P	F		5910-543-9557								
			CAPACITOR, FIXED, MICA DIELECTRIC: 2000 uuf ±1%; 300 vdcw; Electro Motive part CM20E202F (Authorized allowances based on a total of 4)			2	2.3	0.7	16.0		C1206 C1438
P	F		5910-100-8057								
			CAPACITOR, FIXED, MICA DIELECTRIC: 3000 uuf ±5%; 500 vdcw; MIL type CM30B302J (P/o Motor B801A)			1	1.0	0.3	4.0		
P	F		5910-275-6434								
			CAPACITOR, FIXED, CERAMIC DIELECTRIC: 4700 uuf ±100-20%; 500 vdcw; MIL type CM62Y472Z; Item No.'s: C1250, C1520, C1525, C1532, C1541, C1551, C1553, C1562, C1563, C1572, C1576, C1587, C1588, C1589, C1606, C1607, C1701			17	5.7	2.1	51.0		See Desc. Column



SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A   B   C   D			OA-2180/FRT-51 (continued)								
P F	5910-280-7401		CAPACITOR, FIXED, CERAMIC DIELECTRIC: 10,000 uuf +100-20%; 500 vdw; Sprague CK63Y103K (Authorized allowances based on a total of 109) Item No.'s: C1201, C1214, C1227, C1231, C1234, C1320, C1401, C1404, C1412, C1414, C1429, C1433, C1557, C1564, C1565, C1566, C1578, C1612, C1613, C1706, C1710, C1712, C1717, C1719, C1721, C1723, C1724, C1743, thru C1746, C1811, C1812, C1821, C1822, C1830, C1831, C1911, C1912, C1921, C1922, C1931, C1932, C2010, C2011, C2012, C2018, C2024, thru C2027, C2110, thru C2113, C2121, C2122, C2126, C2127, C2211, C2212, C2221, C2222, C2227, C2231, C2232, C2234, C2236, C4801, C4804, C4805, C4808, thru C4810			75	12.5	5.2	218.0		See Desc Column
P F	5910-667-5190		CAPACITOR, FIXED, PAPER DIELECTRIC: 10,000 uuf +20%; 300 vdw; Sprague part 96P10303S13 (Authorized allowances based on a total of 6)			3	2.6	0.8	18.0		C1106 C1108 C1109
P F	5910-666-6980		CAPACITOR, FIXED, PAPER DIELECTRIC: 10,000 uuf +20%; 300 vdw; Sprague part 96P1030334			2	1.5	0.5	8.0		C1006 C1007
P F	5910-725-5285		CAPACITOR, FIXED, PAPER DIELECTRIC: 10,000 uuf +20%; 600 vdw; Sprague part 103P10306S15 (Authorized allowances based on a total of 17) Item No.'s: C801, C802, C809, C822, C1245, C1405, C1409, C1605, C2233			9	5.7	2.1	51.0		See Desc Column
P F	5910-543-9577		CAPACITOR, FIXED, PAPER DIELECTRIC: 47,000 uuf +20%; 100 vdw; Sprague part P85249 (Authorized allowances based on a total of 2)			1	1.0	0.3	4.0		C1709
P F	5910-543-9575		CAPACITOR, FIXED, PAPER DIELECTRIC: 68,000 uuf +20%; 115 vac; Sprague type 103P (Authorized allowances based on a total of 7)			3	3.4	1.1	21.0		C813 thru C815

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A   B   C   D											
P F	5910-543-9574		OA-2180/FRT-51 (continued) CAPACITOR, FIXED, PAPER DIELECTRIC: 100,000 uuf ±20%; 100 vdcw; Sprague part P35848 (Authorized allowances based on a total of 60) Item No.'s: C1202, C1216, C1222, C1228, C1233, C1242, C1243, C1244, C1415, C1428, C1431, C1436, C1437, C1521, C1531, C1609, C1610, C1737, C1836, C1842, C1942, C1945, C4806 CAPACITOR, FIXED, PAPER DIELECTRIC: 100,000 uuf ±20%; 100 vdcw; Sprague part 9610401S4 (Authorized allowances based on a total of 3) CAPACITOR, FIXED, PAPER DIELECTRIC: 100,000 uuf ±20%; 100 vdcw; Sprague type 103P; Item No.'s: C803, thru C808, C812, C816, thru C821, C1246, C1406, C1410, C1411, C1611, C1740, C1741 CAPACITOR, FIXED, PAPER DIELECTRIC: 100,000 uuf ±20%; 400 vdcw; Sprague type 186P-TT5 (Authorized allowances based on a total of 14) CAPACITOR, FIXED, PAPER DIELECTRIC: 100,000 uuf ±20%; 400 vdcw; Sprague part P85226 (Authorized allowances based on a total of 4) CAPACITOR, FIXED, PAPER DIELECTRIC: 100,000 uuf ±20%; 400 vdcw; Sprague part P38645 (Authorized allowances based on a total of 61) Item No.'s: C1217, C1218, C1223, C1224, C1230, C1235, C1241, C1402, C1403, C1408, C1414, C1417, C1418, C1418, C1430, C1434, C1522, C1524, C1533, C1573, C1574, C1608, C1711, C1736, C1747, C1806, C1813, C1835, C1838, C1907, C1913, C1923, C1936, C4803 CAPACITOR, FIXED, PAPER DIELECTRIC: 100,000 uuf ±20%; 400 vdcw; Sprague type 103P			23	8.2	3.2	120.0		See Desc. Column
P F	5910-552-0524					1	1.9	0.6	12.0		C2226
P F	5910-552-9869					20	6.2	2.3	40.0		See Desc. Column
P F	5910-543-9571					3	5.2	1.9	42.0		C1726 C1738 C1739
P F	5910-553-7321					2	2.3	0.8	16.0		C1205 C2314
P F	5910-543-9583					33	8.2	3.2	122.0		See Desc Column
P F	5910-543-9568					2	1.5	0.5	8.0		C1703, C1722



SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A	B	C	D								
P	F		OA-2180/FRT-51 (continued)			22	8.2	3.2	74.0		See Desc. Column
			CAPACITOR, FIXED, PAPER DIELECTRIC: 220,000 uuf ±20%; 100 vdcw; Sprague type 103P; (Authorized allowances based on a total of 28) Item No. 1's C810, C811, C1248, C1839, C1840, C1841, C1844, C1939, thru C1941, C1946, C2028, thru C2031, C2128 thru C2131, C2228, C2230								
P	F		CAPACITOR, FIXED, PAPER DIELECTRIC: 470,000 uuf ±20%; 100 vdcw; Sprague part P21635			2	1.5	0.5	8.0		C1731 C1752
P	F		CAPACITOR, FIXED, PAPER DIELECTRIC: 470,000 uuf ±20%; 100 vdcw; Sprague 196P---S4			1	1.0	0.3	4.0		C4807
P	F		CAPACITOR, FIXED, PAPER DIELECTRIC: 470,000 uuf ±20%; 400 vdcw; Sprague type 186P-T15 (Authorized allowances based on a total of 5)			3	2.6	0.8	15.0		C1203 C1204 C1211
P	F		CAPACITOR, FIXED, PAPER DIELECTRIC: 1 uuf W 20%; 100 vdcw; Collins part/dwg 931-1856-00 (Authorized allowances based on a total of 3)			1	1.9	0.6	12.0		C1207
P	F		CAPACITOR, FIXED, PAPER DIELECTRIC: 1 uuf ±20%; 300 vdcw; Sprague part P38689 (Authorized allowances based on a total of 5)			1	2.6	0.8	15.0		C1247
P	F		CAPACITOR, FIXED, PAPER DIELECTRIC: 3.5 uf ±20%; 300 vdcw; Collins part/dwg 931-1541-00 (Authorized allowances based on a total of 4)			1	2.3	0.7	12.0		1425
P	F		CAPACITOR, FIXED, ELECTROLYTIC: 15 uf; 15 vdc; Fansteel part PPL5B15A2 Authorized allowances based on a total of 4)			2	2.3	0.7	12.0		C1426 C1427
P	F		CAPACITOR, VARIABLE, CERAMIC DIELECTRIC 3 uuf to 1.8 uuf; 350 vdcw; Erie type 557			3	1.9	0.6	12.0		C1829 C1930 C2020

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
									FIGURE NO.	ITEM NO.
A	B	C	D							
P	P		OA-2180/FRT-51 (continued)		2	1.5	0.5	7.0		0899.68 0899.69
P	P		CHAIN, SILENT: Autotune freq MC drive; Collins part/dwg 544-1415-002		3	1.9	0.6	12.0		0844p845 0846
P	P		CLAMP: 0.656 in. dia x 0.200 in. thk; Collins part/dwg 504-7537-002		9	5.2	1.9	48.0		H833
P	P		CLAMP, LOOP: cable; nylon; Burndy part HP-3N (Authorized allowances based on a total of 12)		1	2.6	0.8	15.0		H845
P	P		CLAMP, LOOP: cable; nylon; Burndy part HP-4N (Authorized allowances based on a total of 5)		5	4.0	1.4	33.0		H846
P	P		CLAMP, LOOP: cable; nylon; Burndy part HP-5N (Authorized allowances based on a total of 15)		5	4.5	1.6	36.0		H847
P	P		CLAMP, LOOP: cable; nylon; Burndy part HP-6N (Authorized allowances based on a total of 12)		3					H848
P	P		CLAMP, LOOP: cable; nylon; Burndy part HP-7N (FOR authorized allowances see Group I)		5					H849
P	P		CLAMP, LOOP: cable; nylon; Burndy part HP-8N (For authorized allowances see Group I)		1					H4814
P	P		CLAMP, LOOP: cable; nylon; Burndy part HP-10N (For authorized allowances see Group I)		2	1.9	0.6	8.0		0899.78 0899.126
P	P		CLUTCH: p/o Autotune 96U-19 and 96V-11; Collins part/dwg 502-1825-002		3	1.9	0.6	9.0		L1701 L1703 L1801
P	P		COIL RADIO FREQUENCY: 3 pies; 2.0 mh inductance; 35 ma current rating; Delevan Electronics part DM-0084 (Authorized allowances based on a total of 4)		2	1.5	0.5	8.0		L1525 L1526
P	P		COIL RADIO FREQUENCY: 2.7 uh inductance; 300 ma current rating; Monarch Mfg Co. part LOX036							
P	P		5950-648-6224							

SOURCE CODE	FEDERAL STOCK NUMBER				DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
	A	B	C	D									FIGURE NO.	ITEM NO.
						OA-2180/FRT-51 (continued)								
P F						COIL RADIO FREQUENCY: 2.8 ohm dc resistance; 0.1 amp current; Collins part 544-1780-002			1	1.0	0.3	4.0		L1202
P F						COIL RADIO FREQUENCY: 4 pies; 8.2 uh inductance; 110 amp current rating; F. W. Sickles Co. part 294-245 (Authorized allowances based on a total of 6)			2	1.5	0.5	8.0		L1522 L1702
P F						COIL RADIO FREQUENCY: single layer wmd; 8.2 uh nom inductance; 910 ma current rating; Jeffers Electronics part 10402-38			1	1.0	0.3	4.0		L1520
P F						COIL RADIO FREQUENCY: 3 pies; 220 uh inductance; 0.02 amp current rating; Jeffers Electronics part 10205-3 Item No.'s: L1811, L1909, L2007, L2107, L2108, L2207, L2208			7	3.4	1.1	21.0		See Desc. Column
P F						COIL RADIO FREQUENCY: 500 uh inductance; 100 ma current; National Coil Co. C-0047109 (Authorized allowances based on a total of 6)			5	2.6	0.8	18.0		L1521 L1524 L2006 L2106 L2206
P F						COIL RADIO FREQUENCY: 4 pies; 2.0 mh inductance; 100 ma current rating; Electro Assemblies part 18-1117 (Authorized allowances based on a total of 23) Item No.'s: L1203, L1204, L1401 thru L1404, L1523, L1808, L1908			9	6.7	2.5	69.0		See Desc. Column
P F						CONNECTOR, PLUG, ELECTRICAL: 1 female cont; Automatic Metal Prod part RF-0701-35 (Authorized allowances based on a total of 29) Item No.'s: P329, P831, thru P833, P835, thru P841, P859, P860, P1402			14	8.2	3.2	87.0		See Desc. Column



SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D											
P F	5935-655-1208		OA-2180/FRT-51 (continued) CONNECTOR, PLUG, ELECTRICAL: 1 female cont; Automatic Metal Prod RF-0702-35 (Authorized allowances based on a total of 19) Item No.'s: P825, P848, P855, P856, P1002, P1003, P1401, P1403, P1801, P1802, P1901, P1902, P2001, P2002, P2101, P2102, P2201, P2202			18	6.2	2.3	57.0		See Desc. Column
P F	5935-502-1931		CONNECTOR, PLUG, ELECTRICAL: 1 female cont; IPC part 45850 (For authorized allowances see Group I) Item No.'s: P824, P826, P842, thru P847, P857, P858			11					See Desc. Column
P F	5935-581-2380		CONNECTOR, PLUG, ELECTRICAL: 1 female cont; IPC part 45900 (Authorized allowances based on a total of 13) Item No.'s: P828, P830, P834, P850, thru P854, P861, P862			11	4.5	1.6	39.0		See Desc. Column
P F	5935-258-1003		CONNECTOR, PLUG, ELECTRICAL: 4 male cont; Winchester Electronics part MAP-1S (Authorized allowances based on a total of 5)			4	2.6	0.8	15.0		J823, J1101, P806, P813
P F	5935-543-8640		CONNECTOR, PLUG, ELECTRICAL: 8 male cont; Amphenol part 26-4501-8P (Authorized allowances based on a total of 2)			1	1.5	0.5	8.0		P815
P F	5935-502-7716		CONNECTOR, PLUG, ELECTRICAL: 24 male cont; Amphenol part 26-4501-24P (For authorized allowances see Group I)			1					P803
P F	5935-577-8515		CONNECTOR, PLUG, ELECTRICAL: 32 male cont; Amphenol 26-4304-32P			1	1.0	0.3	4.0		P802
P F	5935-655-1244		CONNECTOR, RECEPTACLE, ELECTRICAL: 1 female cont; Automatic Metal Prod Co. part 0700-35C (Authorized allowances based on a total of 11)			1	4.0	1.4	33.0		E1407
P F	5935-204-9249		CONNECTOR, RECEPTACLE, ELECTRICAL: 1 rd female cont; MIL type UG-912/U			1	1.0	0.3	4.0		J1411

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D			OA-2180/FRT-51 (continued)								
P F	5935-655-1213		CONNECTOR, RECEPTACLE, ELECTRICAL: 1 male cont; Automatic Metal Prod Co part RP-0704M-35 (Authorized allowances based on a total of 13)			3	4.5	1.6	39.0		J826 J833 J1102
P F	5935-642-3122		CONNECTOR, RECEPTACLE, ELECTRICAL: 1 male cont; IPC part 45925(Authorized allowances based on a total of 93) Item No.'s: J824, J825, J827, thru J832, J834, J835, J1201, J1205, J1206, J1402, J1403, J1404, J1406, thru J1410, J1412, J1521 thru J1528 J1703, J4402 thru J4409, TP801, TP1521, TP1522, TP1524, TP1527, TP1528, TP1702, TP1703, TP1809, TP1909, TP2009, TP2103, TP2209, TP4401			53	11.3	4.6	186.0		See Desc. Column
P F	5935-636-8450		CONNECTOR, RECEPTACLE, ELECTRICAL: 1 male cont; IPC part 46275(Authorized allowances based on a total of 19) Item No.'s: J636 thru J844, J1203, J1204, J1413, J1802, J1902, J2002, J2102, J2202			17	6.2	2.3	57.0		See Desc. Column
P F	5935-257-7060		CONNECTOR, RECEPTACLE, ELECTRICAL: 4 male cont; Winchester Electronics M4S-LRN (Authorized allowances based on a total of 5)			4	2.6	0.8	15.0		J806 J813 J811 J823
P F	5935-259-2039		CONNECTOR, RECEPTACLE, ELECTRICAL: 7 female cont; Amphenol type 26 (Authorized allowances based on a total of 9)			1	2.5	0.8	18.0		J807
P F	5935-636-5913		CONNECTOR, RECEPTACLE, ELECTRICAL: 7 male cont; AMphenol type 26 (Authorized allowances based on a total of 9)			1	2.5	0.8	18.0		P807
P F	5935-204-5833		CONNECTOR, RECEPTACLE, ELECTRICAL: 8 female cont; Amphenol part 26-4401-8S (Authorized allowances based on a total of 2)			1	1.5	0.5	8.0		J815

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A   B   C   D			OA-2180/FRT-51 (continued)								
P F	5935-257-8683		CONNECTOR, RECEPTACLE, ELECTRICAL: 9 rd female cont; Amphenol part 126-013 (Authorized allowances based on a total of 17) Item No.'s: J805, J1704, P808, P810, P812, P814, P816, thru P821	9		12	5.7	2.1	51.0		See Desc. Column
P F	5935-201-2449		CONNECTOR, RECEPTACLE, ELECTRICAL: 9 male cont; Amphenol type 26-012 (Authorized allowances based on a total of 17) Item No.'s: J814, J1001, J1101, J1207, J1401, J1501, J1801, J1901, J2001, J2101, J2201, J8001	9		12	5.7	2.1	51.0		See Desc. Column
P F	5935-227-8997		CONNECTOR, RECEPTACLE, ELECTRICAL: 18 female cont; Winchester Electronics Co. part MRE-18S-G (Authorized allowances based on a total of 10)	18		4	4.0	1.4	30.0		J804 J809 P822 P865
P F	5935-283-7098		CONNECTOR, RECEPTACLE, ELECTRICAL: 18 male cont; Winchester Electronics Co part MRE-18P-G (Authorized allowances based on a total of 10)	18		4	4.0	1.4	30.0		J1705 J4461 J4801 P804
P F	5935-729-8618		CONNECTOR, RECEPTACLE, ELECTRICAL: 24 female cont; Amphenol 26-4401-243 (Authorized allowances based on a total of 2)	24		1	1.5	0.5	8.0		J803
P F	5935-518-7420		CONNECTOR, RECEPTACLE, ELECTRICAL: 32 female cont; Amphenol 26-4404-32S	32		1	1.0	0.3	4.0		J802
P F	5935-684-4972		CONNECTOR, RECEPTACLE, ELECTRICAL: 32 male conts; Amphenol part 26-4405-32P	32		1	1.0	0.3	4.0		J801
P F R	5820-652-8909		CONTROL ASSEMBLY 111F-3: Collins part/dwg 522-1140-004		NX	1	1.0	0.3	4.0		
P F	5950-617-3233		CORE, ADJUSTABLE TUNING: Collins part/dwg 288-1652-00; Item No.'s: E1228, E1513, E1515 thru E1531, E1914 thru E1917, C1919, E1920, C1928, E2013 thru E2017, E2113, thru E2117, E2112, thru E2116			41	9.8	4.0	82.0		See Desc. Column



SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D			OA-2180/FRT-51 (continued)								
P F	5950-655-0264		CORE, ADJUSTABLE TUNING: Collins part/dwg 288-1654-00			7	2.1	0.7	21.0		E1815thn E1821
P F	3010-257-1697		COUPLING, SHAFT, RIGID: brass; 3/4 in. lg x 1/2 in. od; James Millen Mfg part 39003			1	1.0	0.3	4.0		01558
P F	5820-652-5582		DETENT, SWITCH: 5 switching positions Collins part/dwg 544-1504-002			1	1.0	0.3	4.0		0899.398
P O	5960-262-0152		ELECTRON TUBE: MIL type 6AU6WA (Authorized allowances based on a total of 19) Item No.'s: V1201, V1205, V1206, V1501, V1503, V1506, V1507, V1702, V1703, V1705, V4801			11	160.6	80.3	1100.0		See Desc Column
P O	5960-230-5307		ELECTRON TUBE: MIL type 6CB6 (Authorized allowances based on a total of 3)			1	14.6	7.3	100.0		V1706
P O	5960-615-0243		ELECTRON TUBE: MIL type 6CI-6; Item No.'s: V1804, V1904, V2003, V2103, V2203			5	109.5	55.0	500.0		See Desc Column
P O	5960-188-0896		ELECTRON TUBE: MIL type 6BN6			1	4.4	2.2			V4802
P O	5960-262-0167		ELECTRON TUBE: MIL type 12AT7WA (Authorized allowances based on a total of 21) Item No.'s: V1202, V1502, V1505, V1701, V1704, V1801, V1901, V2001, V2101, V2201			11	48.4	24.2	1100.0		See Desc: Column
P O	5960-262-2089		ELECTRON TUBE: MIL type 5749/6BA6W (Authorized allowances based on a total of 16) Item No.'s: V1101, V1102, V1403, V1404, V1802, V1803, V1902, V1903, V2002, V2102, V2202			11	48.4	24.2	1100.0		See Desc Column
P O	5960-264-3002		ELECTRON TUBE: MIL type 5750/6BE6W (Authorized allowances based on a total of 6)			4	17.6	8.8	400.0		V1203, V1204, V1401, V1504 V1002 V1405 V1406
P O	5960-827-8780		ELECTRON TUBE: MIL type 5814A			3	13.2	6.6	300.0		

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
									FIGURE NO.	ITEM NO.
A B C D			OA-2180/FRPT-51 (continued)							
P O	5960-808-6490		ELECTRON TUBE: MIL type 5879		1	8.8	4.4	100.0		V1001
P O R	5805-667-0211		ERROR DETECTOR: 570kc, 570 to 730kc input; Collins part/dwg 544-2124-005	NX	1	0.7	0.2	4.0		
P F	5915-504-8000		FILTER, BAND PASS: 250kc operating freq; 220 to 280 kc band W; Freed Trans part No. 26382		1	1.0	0.3	4.0		Z1704
P F	5915-577-9015		FILTER, BAND PASS: 300kc operating freq; 294 to 306 kc band W; Freed trans part No. 26064		1	1.0	0.3	4.0		Z1402
P F	5915-577-9016		FILTER, BAND PASS: 650kc operating freq; 570 to 730 kc band W; Freed Trans part 25877		1	1.0	0.3	4.0		Z1701
P F	5915-577-9017		FILTER, BAND PASS: 400kc operating freq; 350 to 450 kc band W; Freed Trans part 25878		2	1.5	0.5	8.0		Z1202 Z1702
P F	5915-577-9019		FILTER, BAND PASS: 300kc operating freq; 294 to 306 kc band W; Freed Trans part No. 73386		1	1.0	0.3	4.0		Z1401
P F	5915-577-9020		FILTER, BAND PASS: 250 kc operating freq; 220 to 280 kc band W; Freed Trans part No. 25876		1	1.0	0.3	4.0		Z1703
P F	5915-577-9042		FILTER, BAND PASS: 250 kc operating freq; 1.5 kc at 50db band W max, 0.5 kc at 3db band W max; Collins part/dwg 526-9347-00		1	1.0	0.3	4.0		Z1205
P F	5915-577-9043		FILTER, BAND PASS: 245.5 kc operating freq; 1.5 kc at 50db band W max, 0.5 kc at 3db band Wmax; Collins part/dwg 526-9346-00		1	1.0	0.3	4.0		Z1203
P F	5915-577-9044		FILTER, BAND PASS: 245.0kc operating freq; 1.5 kc at 50db band W max, 0.5 kc at 3db band W max; Collins part/dwg 526-9345-00		1	1.0	0.3	4.0		Z1204

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D			OA-2180/FRT-51 (continued)								
P F	6680-706-7105		GEAR ASSEMBLY: drive gear for counter assy and RF tuning; Collins part/dwg 544-2095-002			1	1.0	0.3	4.0		0833
P F	6680-706-7106		GEAR ASSEMBLY: drive gear for 16-32 MC counter dial; Collins part/dwg 544-2090-002			1	1.0	0.3	4.0		0828
P F	6680-706-7107		GEAR ASSEMBLY: drive gear for 8-16 MC counter dial; Collins part/dwg 544-2091-002			1	1.0	0.3	4.0		0829
P F	5805-677-0225		GEAR ASSEMBLY: Exciter Monitor Interpolator drive gear; Collins part/dwg 544-1332-002			1	1.0	0.3	4.0		0899.205



SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A	B	C	D								
P	P		6680-706-7108								
			OA-2180/FRT-51 (continued) GEAR ASSEMBLY: drive gear to course counter dial from fine counter dial; Collins part/dwg 544-2086-002			1	1.0	0.3	4.0		0841
P	P		6680-706-7109			2	1.5	0.5	8.0		0839 0840
			GEAR ASSEMBLY: drive gear to course counter dial from fine counter dial Collins part/dwg 544-2085-002								
P	P		6680-706-7110			1	1.0	0.3	4.0		830
			GEAR ASSEMBLY: drive gear for 4-8 mc counter dial; Collins part/dwg 544-2092-002								
P	P		5805-677-0215			2	1.5	0.5	8.0		0899.59 0899.60
			GEAR ASSEMBLY: Auto tune gear train & auto tune freq MC drive gear bear- ing; Collins part/dwg 544-1409-002								
P	P		5821-302-3551			1	1.0	0.3	4.0		0899.163
			GEAR ASSEMBLY: Autotune assy worm shaft; p/o 96V-11; Collins part/dwg 502-5352-002								
P	P		5805-677-0233			1	1.0	0.3	4.0		0899.204
			GEAR ASSEMBLY: excitor-monitor main gear train RF tuning coupling gear; Collins part/dwg 544-1331-002								
P	P		5805-677-0234			1	1.0	0.3	4.0		0899.202
			GEAR ASSEMBLY: excitor-monitor main gear train RF tuning coupling gear; Collins part/dwg 544-1354-002								
P	P		5805-677-0235			1	1.0	0.3	4.0		0899.210
			GEAR ASSEMBLY: excitor-monitor RF tuning assy gear shaft; Collins part/dwg 544-1333-002								
P	P		5805-677-0236			1	1.0	0.3	4.0		0899.235
			GEAR ASSEMBLY: exciter-monitor RF gear assy drive gear; Collins part/dwg 544-1340-002								
P	P		5805-677-0232			1	1.0	0.3	4.0		0899.216
			GEAR ASSEMBLY: exciter-monitor RF tuning assy gear; Collins part/dwg 544-1334-002								
P	P		5805-677-0212			1	1.0	0.3	4.0		0899.395
			GEAR ASSEMBLY: Interpolator small freq KC coupling gear assy; Collins part/dwg 544-1500-002								
P	P		5805-677-0213			1	1.0	0.3	4.0		0899.397
			GEAR ASSEMBLY: Interpolator small freq KC coupling gear assy; Collins part/dwg 544-1502-002								

SOURCE CODE	FEDERAL STOCK NUMBER			DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
	A	B	C   D								FIGURE NO.	ITEM NO.
P F			5805-677-0214		OA-2180/FRT-51 (continued) GEAR ASSEMBLY: Exciter Monitor Spectrum detent tuning gear; Collins part/dwg 544-1336-002		1	1.0	0.3	4.0		0899.225
P F			5820-652-5579		GEAR, BEVEL: Counter assy shaft drive gear; Collins part/dwg 544-2059-002		1	1.0	0.3	4.0		0831
P F			5820-652-5580		GEAR, BEVEL: Counter assy shaft drive gear for hundredths and thousands MC counter dials; Collins part/dwg 544-2066-002		1	1.0	0.3	4.0		0835
P F			5820-860-2470		GEAR, BEVEL: brass; 36 teeth; Collins part/dwg 544-1247-002		1	1.0	0.3	4.0		0899.328
P F			5820-585-5437		GEAR, RACK: SS; spur type; 2-3/8 in lg x 0.290 in thk		2	1.5	0.5	8.0		01213 01214
P F			5820-585-5438		GEAR, RACK: SS; spur type; 3-23/32 in lg x 0.282 in thk; Collins part/dwg 544-1640-003 (Item Nos. 01507, 01508, 01805, 01806, 01904, 01905, 02004, 02005, 02102, 02103, 02204, 02205)		12	4.5	1.6	36.0		See desc column
P F			5820-652-5581		GEAR SECTOR: SS; 20 teeth; Collins part/dwg 544-2075-002		1	1.0	0.3	4.0		0837
P F			5820-652-8910		GEAR SECTOR: SS; 26 teeth; Collins part/dwg 544-1442-002		1	1.0	0.3	4.0		0873
P F			5820-652-5574		GEAR SECTOR: SS; 26 teeth; Collins part/dwg 544-1441-002		1	1.0	0.3	4.0		0872
P F			5820-652-5576		GEAR, SECTOR: SS; 76 teeth; Collins part/dwg 544-1436-002		1	1.0	0.3	4.0		0870
P F			5820-652-8911		GEAR, SECTOR: 76 teeth; Collins part/dwg 544-1437-002		1	1.0	0.3	4.0		0871
P F			5805-677-9232		GEARSHAFT ASSEMBLY: c/o 1 helical gear 16 teeth and 1 shaft; SS; Collins part/dwg 544-9787-002		1	1.0	0.3	4.0		0899.58
P F			5820-973-3472		GEARSHAFT ASSEMBLY: c/o brass gear w/64 teeth, SS shaft, hub, ball bearing & hardware; Collins part/dwg 544-1378-003		1	1.0	0.3	4.0		0899.197

SELMS 003 TF  
1 Jun 63

OA-2180/FRT-51

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D											
P F	5805-677-0217		OA-2180/FRT-51 (continued) GEARSHAFT ASSEMBLY: c/o brass gear w/64 teeth & steel shaft; 2-1/16 in dia x 2-3/16 in lg; Collins part/dwg 544-1335-002			1	1.0	0.3	4.0		0899.222
P F	5805-677-0218		GEAR SHAFT ASSEMBLY: c/o brass gear w/75 teeth & steel shaft; 1.604 in dia x 3/4 in lg; Collins part/dwg 544-1339-002			1	1.0	0.3	4.0		0899.232
P F	5805-677-0219		GEARSHAFT ASSEMBLY: c/o brass gear w/75 teeth & steel shaft; 1.604 in dia x 3-25/32 in lg; Collins part/dwg 544-1337-002			1	1.0	0.3	4.0		0899.230



SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	GENERAL SUPPORT	DIRECT SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO
A   B   C   D			OA-2180/FRT-51 (Continued)								
P F	5820-652-5578		GEARSHAFT ASSEMBLY: C/O 1 brass gear w/75 teeth and 1 ss shaft; Collins part/dwg 544-1341-002			1	1.0	0.3	4.0		0899.240
P F	5805-677-0245		GEARSHAFT ASSEMBLY: C/O 1 ss gear w/141 teeth and 1 ss shaft; Collins part/dwg 544-1344-002			2	1.5	0.5	8.0		0899.251 0899.279
P F	5805-677-0246		GEAR SHAFT ASSEMBLY: C/O ss gear w/141 teeth and ss shaft; 2.9791 in od x 1.77/8 in lg; Collins part/dwg 544-1343-002			3	1.9	0.6	12.0		0899.259 0899.271 0899.285
P F	5805-677-0216		GEAR SHAFT ASSEMBLY: C/O 1 ss gear w/141 teeth and 1 ss shaft; 2.9791 in od x 2.7/16 in lg; Collins part/dwg 544-1342-002			1	1.0	0.3	4.0		0899.265
P F	5820-652-5619		GEAR SHAFT ASSEMBLY, SPUR: C/O 2 ss spur gears ea w/24 teeth and 1 steel shaft; Collins part/dwg 544-1827-003			1	1.0	0.3	4.0		01509
P F	5820-652-5620		GEAR SHAFT, SPUR: C/O 1 ss spur gear w/14 teeth and 1 steel shaft; Collins part/dwg 544-1433-002			1	1.0	0.3	4.0		0899.10
P F	5820-652-5621		GEARSHAFT, SPUR: C/O 2 sets of spur gears ea 3/14 teeth and 1 ss shaft; Collins part/dwg 544-1428-002			1	1.0	0.3	4.0		0899.4
P F	5820-652-5622		GEARSHAFT, SPUR: C/O ss shaft and 2 spur gears w/24 teeth; Collins; part/dwg 544-1755-002			1	1.0	0.3	4.0		01222
P F	5820-652-5623		GEARSHAFT, SPUR: C/O ss shaft and 2 spur gears w/24 teeth; Collins part/dwg 544-1617-002			2	1.5	0.5	8.0		01811 01921
P F	5820-652-5624		GEARSHAFT, SPUR: C/O ss shaft and 2 spur gears w/24 teeth; Collins Part/dwg 544-1618-003			3	1.9	0.6	12.0		02014 02112 02212
P F	5820-652-5577		GEAR, SPUR: Nylon; 8 teeth; Collins part/dwg 544-2048-002			4	2.3	0.7	16.0		0816 thru 0819
P F	5820-652-5586		GEAR, SPUR: ss; 16 teeth; Collins part/dwg 544-2050-002			4	2.3	0.7	16.0		0821 thru 0824

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D			OA-2180/FRT-51 (Continued)								
P F	5820-652-5587		GEAR, SPUR: Aluminum; 24 teeth; Collins part/dwg 544-1438-002			1	1.0	0.3	4.0		0858
P F	5820-652-5588		GEAR, SPUR: ss; 24 teeth; Collins part/dwg 544-1238-002			1	1.0	0.3	4.0		0899.191
P F	5820-652-5589		GEAR, SPUR: brass; 30 teeth; Collins part/dwg 544-1301-002			1	1.0	0.3	4.0		0899.341
P F	5820-652-8914		GEAR, SPUR: SS; 30 teeth; Collins part/dwg 544-1254-002			1	1.0	0.3	4.0		0899.302
P F	5820-652-5590		GEAR, SPUR: ss and plastic, 30 teeth Collins part/dwg 544-1430-002			1	1.0	0.3	4.0		0899.8
P F	5820-647-3852		GEAR, SPUR: brass; 30 teeth; Collins part/dwg 544-2094-002			1	1.0	0.3	4.0		0834
P F	5820-652-5592		GEAR, SPUR: aluminum; 31 teeth; Collins part/dwg 544-1322-002			1	1.0	0.3	4.0		0899.314
P F	5820-652-5593		GEAR, SPUR: aluminum; 32 teeth; Collins part/dwg 544-2089-002			1	1.0	0.3	4.0		0827
P F	5820-652-5594		GEAR, SPUR: aluminum; 32 teeth Collins part/dwg 544-1240-002			1	1.0	0.3	4.0		0899.334
P F	5820-652-5595		GEAR, SPUR: brass; 32 teeth; Collins part/dwg 544-1345-002			1	1.0	0.3	4.0		0899.244
P F	5820-652-5596		GEAR, SPUR: brass; 32 teeth; Collins part/dwg 544-1273-002			1	1.0	0.3	4.0		0899.246
P F	5820-652-5597		GEAR, SPUR: brass; 32 teeth; Collins part/dwg 544-1274-002			1	1.0	0.3	4.0		0899.247
P F	5820-652-5598		GEAR, SPUR: ss; 36 teeth; Collins part/dwg 544-1440-002			1	1.0	0.3	4.0		0859
P F	5820-652-5599		GEAR, SPUR: ss; 36 teeth; Collins part/dwg 544-1450-002			1	1.0	0.3	4.0		0881
P F	5820-870-2172		GEAR, SPUR: ss; 36 teeth; Collins part/dwg 544-1457-002			1	1.0	0.3	4.0		0899.17
P F	5820-652-5600		GEAR, SPUR: ss; 36 teeth; Collins part/dwg 544-1239-002			1	1.0	0.3	4.0		0899.192

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A	B	C	D								
P	P		5820-652-5601						8.0		0899.346 0899.347
P	P		5820-652-5602						4.0		0876
P	P		5820-652-5603						4.0		0899.111
P	P		5820-652-5604						4.0		0899.13
P	P		5820-652-5605						4.0		0899.5
P	P		5820-652-5606						4.0		0899.6
P	P		5820-652-5607						12.0		0899.250 0899.258 0899.270 0899.278
P	P		5820-652-5608						4.0		0899.1
P	P		5820-652-5609						4.0		0899.2
P	P		5820-652-5610						4.0		0899.193
P	P		5820-652-5611						4.0		0899.203
P	P		5820-652-5615						4.0		0899.195
P	P		5820-652-5616						4.0		0899.66
P	P		5820-652-5617						4.0		0899.194
P	P		5820-652-5618						4.0		0899.231
P	P		5325-275-5894						8.0		H871



SOURCE CODE	FEDERAL STOCK NUMBER			DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
												FIGURE NO.	ITEM NO.
A   B   C   D					OA-2180/FRT-51 (Continued)								
P F		5977-296-6611			HOLDER, ELECTRICAL CONTACT BRUSH: brass; for motor B801A; Hamilton Beach type AUC-37			2	1.5	0.5	8.0		
P F		5805-677-0222			INDICATOR, PHASE LOCK: 125 V, 300 vdc 12.6 vac, 60 to 60 cye; 1 ph; Collins part/dwg 544-1871-004			1	0.7	0.2	4.0		
P F		5820-585-5428			INSERT, FLEXIBLE COUPLING: 1 in dia x 0.156 in thk; Collins part/dwg 544-1333-002 Item Nos. 0899.344 0899.345, 0899.366, 0899.375, 0899.400, 01215, 01518, 01812, 01908, 02008, 02208, 02106			12	2.6	0.8	24.0		See desc Column
P F		5820-678-2018			INTERPOLATOR: 28 vdc operatoring; tuning; Collins part/dwg 544-1521-005			1	1.0	0.3	4.0		
P F		5935-201-7922			JACK, TIP: Sealectro part SKT-1 (Authorized allowances based on a total of 344) Item Nos. TP1001, TP1002, TP1202 thru TP1205, TP1207, TP1210, TP1211, TP1401 thru TP1407, TP1531 thru TP1535, TP1537, TP1540, TP1701, TP1704 thru TP1706, TP1808, TP1701, TP1812, TP 1813, TP1814, TP1820, TP1908, TP1910, TP1912 thru TP1914, TP1920, TP2006, TP2012, TP2013, TP2020, TP2110, TP2112, TP2113, TP2126, TP2210, TP2213, TP2220, TP4801 thru TP4807			250	23.0	10.2	250.0		See desc Column
P O		5355-584-4316			KNOB: round; setscrew type; 1 in dia x 7/8 in thk; Collins part/dw 543-5087-002 (Authorized allowances based on a total of 12)			6	2.6	0.8	18.0		0899.71 thru 0899.76
P F		5355-668-1468			KNOB: rd; Collins part/dwg 281-0097-00			1	1.0	0.3	4.0		0899.358
P F		5820-692-5626			LUG, SPRING: 3/8 in x 0.504 in x 3/4 in ; Collins part/dwg 544-1326-002			1	1.0	0.3	4.0		0899.335
P F R		6625-677-0279			MONITOR, RADIO FREQUENCY: 6 to 12 mc or 14 to 28 mc, 300 RC, 12.6 V, 50/60 cye, 1 ph; Collins part/dwg 544-1821-015		NX	1	0.7	0.2	4.0		

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A   B   C   D			OA-2180/FRT-51 (Continued)								
P F	6105-635-3072		MOTOR, DIRECT CURRENT: 28.5 vdc; 1/15 hp; 5800 rpm; Hamilton Beach ALC-1000		NX	1	1.0	0.3	4.0		H801A
P F	5821-373-2031		NUT, CAPTIVE: ss; 8-32 NC-2B tapped hole; collins part/spec 334-0431-00			1	1.0	0.3	4.0		H899.53
P F	5820-652-5627		NUT, LOAD: bronze; 3/16-24 NS Thd; Collins part/dwg 506-2680-001			1	1.0	0.3	4.0		H1042
P F	5820-652-5628		NUT, OSCILLATOR MOUNTING: aluminum; 1/4-28 UNF-2B Thd; Collins part/dwg 544-1888-002			2	1.5	0.5	8.0		H830
P F	5310-297-4164		NUT, PLAIN, HEXAGON: 1/4-20 NS class 2 thd; Collins part/dwg 602-1157-002			3	1.0	0.6	12.0		H897
P F	5310-057-7981		NUT, PLAIN, HEXAGON: ss; 3/8-24 NF class 2 thd; Collins part/dwg 313-2683-00			1	1.0	0.3	4.0		H819
P F	5310-619-2482		NUT, PLAIN, HEXAGON: ss; 21/32 -48 NS class 2 thd; Collins part/dwg 502-1156-002			2	1.5	0.5	8.0		H893
P F	5310-619-4704		NUT, PLAIN, HEXAGON: ss; 23/32-48 NS class 2 thd; Collins part/dwg 502-1155-002			2	1.5	0.5	8.0		H892
P F	5821-338-6901		NUT, PLAIN, HEXAGON: ss; 10-32 NC class 2 thd; Collins part/dwg 502-1523-002			1	1.0	0.3	4.0		H899.15
P O R	5805-677-0227		OSCILLATOR-FREQUENCY MULTIPLIER: 26.5 to 32.65 mc oscillator freq; 2 to 4 mc, 6 to 12 mc, 14 to 28 mc freq multiplier outputs; 12.6 vac, 50/60 cyc, 1 ph; Collins part/dwg 544-11852-016		NX	1	0.7	0.2	4.0		
P F R	5820-581-2855		OSCILLATOR, RADIO FREQUENCY 70H-7: 350 to 450 kc freq range; 115 vac; 60 cps, 1 ph; 6.3 v, 210 vdc; Collins part/dwg 522-1055-004		NX	1	0.7	0.2	4.0		
P F R	5820-615-5447		OSCILLATOR, RADIO FREQUENCY 70-8: 2 to 4 freq range; 1 band; 115 vac, 60 cps, 1 ph; 12.6V, 210 vdc; Collins part/dwg 522-1056-004		NX	1	0.7	0.2	4.0		

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D			OA-2180/FRT-51 (Continued)								
P F	5820-578-1380		OVEN, TUNED CIRCUIT: 115 Vac, 50/60 cyc, 1 ph; Collins part/dwg 543-4714-003			1	1.0	0.3	4.0		HR1101
P F	5820-893-4817		OVEN, TUNED CIRCUIT: 115 Vac, 50/60 cyc, 1 ph; Collins part/dwg 543-4704-003			1	1.0	0.3	4.0		HR1001
P F	5315-058-9715		PIN, SPRING: MIL Std MS16562-204			1	1.0	0.3	4.0		H899.55
P F	3020-702-5145		PULLEY, GROOVE: plastic; idler; 5/8 in od; American molded prod part No. 69			3	1.9	0.6	9.0		0899.416
P F	5945-258-3206		RELAY, ARMATURE: 1 c contact arrangement; 21 vdc operatoring; RBM Mfg Co part GX-5930A (Authorized allowances based on a total of 3)			1	1.3	0.4	4.0		K1201
P F	5945-259-5277		RELAY, ARMATURE: 2 c contact arrangement; 28 vdc, 115 Vac, 2 amp; Sigma Inst part 22RJCG-8000-G			3	2.5	0.8	12.0		K1202 K1203 K1701
P F	5945-577-7377		RELAY, ARMATURE: 2 c contact arrangement; 28 vdc, 2 amp; Collins part/dwg 974-0625-00			1	1.3	0.4	4.0		K4801
P F	5945-577-7376		RELAY, ARMATURE: 3 c contact arrangement; 28 vdc, 5 amp; automatic Elec Mfg type R-83			2	1.9	0.6	8.0		K801 K802
P F	5905-577-7469		RESISTOR, ADJUSTABLE: 5000 ohm $\pm 10\%$ ; 0.8 W; Bourne Lab type 233			2	1.0	0.6	8.0		R1749 R1750
P F	5905-252-4018		RESISTOR, FIXED, COMPOSITION: 47 ohm $\pm 5\%$ ; 1/2 W; MIL type RC20GF470J (Authorized allowances based on a total of 19) Item Nos. R1401, R1408, R1409, R1521, R1527, R1817, R1818, R1917, R1918, R2013, R2014, R2113, R2114, R2213, R2214			15	8.2	3.2	76.0		See desc Column
P F	5905-247-9329		RESISTOR, FIXED, COMPOSITION: 47 ohm $\pm 10\%$ ; 2 W; MIL type RC42GF470K (Authorized allowances based on a total of 2)			1	1.9	0.6	8.0		R1219



SOURCE CODE	FEDERAL STOCK NUMBER				DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
	A	B	C	D									FIGURE NO.	ITEM NO.
P F						OA-2180/FRT-51 (Continued)			1	3.4	1.0	20.0		R1741
P F						RESISTOR, FIXED, FILM: 51.1 ohm ±1%; 1/4 W; MIL type RN65B51R1F (Authorized allowances based on a total of 5)								
P F						RESISTOR, FIXED, COMPOSITION: 56 ohm ±10%; 1/2 W; MIL type R20GF5OK Item Nos. R1815, R1915, R2013, R2111, R2211			5	3.4	1.1	20.0		SEE DESC COLUMN
P F						RESISTOR, FIXED, FILM: 68.1 ohms ±1%; 1/4 W; IRC MDB			3	2.5	0.8	12.0		R2001 R2101 R2201
P F						RESISTOR, FIXED: 82.5 ohm ±1%; 1/2 W; MIL type RN70B82R5F			1	1.3	0.4	4.0		R818
P F						RESISTOR, FIXED, COMPOSITION: 100 ohm ±5%; 1/2 W; MIL type RC20GF101J (Authorized allowances based on a total of 20) Item Nos. R1226, R1236, R1237, R1414, R1748, R1808, R1908			3	8.2	3.2	80.0		See desc Column
P F						RESISTOR, FIXED, COMPOSITION: 100 ohm ±5%; 1 W; MIL type RC32GF101J			4	2.6	0.8	16.0		R1442, R1444, R1446, R1447
P F						RESISTOR, FIXED, COMPOSITION: 120 ohm ±10%; 1/2 W; MIL type RC20GF12K Item Nos. R1438, R1439, R1440, R1445, R1806, R1814, R1906, R1914, R2010, R2206			10	5.2	1.9	40.0		See desc Column
P F						RESISTOR, FIXED, COMPOSITION: 150 ohm ±10%; 1/2 W; MIL type RC20GF151K (Authorized allowances based on a total of 7)			1	4.0	1.4	28.0		R1433
P F						RESISTOR, FIXED, COMPOSITION: 180 ohm ±5%; 1/2 W; MIL type RC20GF181J			1	1.3	0.4	4.0		R4806

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	QTY IN UNIT	GENERAL SUPPORT	DIRECT SUPPORT	DEPOT	ILLUSTRATION	
									FIGURE NO.	ITEM NO.
A B C D			OA-2180/FRT-51 (Continued)							
P F	5905-256-0409		RESISTOR, FIXED, COMPOSITION: 220 ohm $\pm 10\%$ ; 1/2 W; MIL type RC20GF221K (Authorized allowances based on a total of 14) Item Nos. R1404, R1502, R1529, R1702, R1802, R1804, R1902, R1904, R2002, R2102, R2202	11	5.2	1.9	42.0			See desc Column
P F	5905-171-2006		RESISTOR, FIXED, COMPOSITION: 270 ohms $\pm 5\%$ ; 1/2 W; MIL type RC20GF271J (Authorized allowances based on a total of 7) Item Nos. R1216, R1222, R1410, R1523, R2006, R2106	6	4.0	1.4	28.0			See desc Column
P F	5905-171-1997		RESISTOR, FIXED, COMPOSITION: 330 ohm $\pm 10\%$ ; 1/2 W; MIL type RC20GF331K Item Nos. R1210, R1211, R1506, R1508, R1512, R1810, R1910,	7	4.0	1.4	28.0			See desc Column
P F	5905-581-7398		RESISTOR, FIXED, FILM: 332 ohm $\pm 1\%$ ; 1/4 W; MIL type RN65B3320F	3	2.5	0.8	12.0			R815, R816, R819
P F	5905-192-3972		RESISTOR, FIXED, COMPOSITION: 390 ohm $\pm 10\%$ ; 1/2W; MIL type RC20GF391K	1	1.3	0.4	4.0			R1435
P F	5905-192-3973		RESISTOR, FIXED, COMPOSITION: 470 ohm $\pm 5\%$ ; 1/2W MIL type RC20GF471J (Authorized allowances based on a total of 5)	2	1.9	0.6	8.0			R1441 R1443
P F	5905-279-2603		RESISTOR, FIXED, COMPOSITION: 470 ohm $\pm 10\%$ 1W; MIL type RC32GF471K	2	1.9	0.6	8.0			R1107 R1229
P F	5905-615-7726		RESISTOR, FIXED FILM: 619 ohm $\pm 1\%$ ; 1/4W; MIL type RN65B6190F	1	1.3	0.4	4.0			R813
P F	5905-195-6791		RESISTOR, FIXED, COMPOSITION: 680 ohm $\pm 10\%$ ; 1/2W; MIL type RC20GF681K	2	1.9	0.6	8.0			R1214 R1751
P F	5905-256-0388		RESISTOR, FIXED, COMPOSITION: 680 ohm $\pm 10\%$ ; 2W; MIL type RC42GF681K Item Nos: R1812, R1813, R1912, R1913	4	2.6	0.8	12.0			See desc Column
P F	5905-257-2631		RESISTOR, FIXED, COMPOSITION: 820 ohm $\pm 10\%$ ; 1/2W; MIL type RC20GF821K	1	1.3	0.4	4.0			R1420

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D			OA-2180/FRT-51 (Continued)								
P F	5905-195-6806		RESISTOR, FIXED, COMPOSITION: 1,000 ohm $\pm 5\%$ ; 1/2 W; MIL type RC20GF102J (Authorized allowances based on a total of 22) Item Nos. R1425, R1426, R1701, R1703, R1807, R1811, R1907, R1911, R2007, R2104, R2107, R2207, R4405, R4804			14	8.5	3.4	88.0		See desc Column
P F	5905-279-1722		RESISTOR, FIXED, COMPOSITION: 1,000 ohms $\pm 10\%$ ; 1 W; MIL type RC32GF102K (Authorized allowances based on a total of 7)			1	4.0	1.4	28.0		R1744
P F	5905-577-1869		RESISTOR, FIXED, FILM: 1,000 ohm $\pm 1\%$ ; 1/4 W; IRC type MDB			2	1.9	0.6	8.0		R1220 R1221
P F	5905-190-8880		RESISTOR, FIXED, COMPOSITION: 1,200 ohm $\pm 5\%$ ; 1/2 W; RC20GF122J			2	1.9	0.6	8.0		R1739 R4803
P F	5905-615-7716		RESISTOR, FIXED, FILM: 1360 ohm $\pm 1\%$ ; 1/4 W; MIL type RN65B1331F			1	1.3	0.4	4.0		R811
P F	5905-577-6733		RESISTOR, FIXED FILM: 1,470 ohm $\pm 1\%$ ; 1/4 W; MIL type RN65B1471F			1	1.3	0.4	4.0		R807
P F	5905-279-2647		RESISTOR, FIXED, COMPOSITION: 1,500 ohm $\pm 10\%$ ; 1 W; MIL type RC32GF152K Item Nos. R2008, R2009, R2108, R2109, R2208, R2209			6	4.0	1.4	24.0		See desc Column
P F	5905-577-7371		RESISTOR, FIXED FILM: 1870 ohm $\pm 1\%$ ; 1/4 W; MIL type RN65B1871F			1	1.3	0.4	4.0		R806
P F	5905-615-7734		RESISTOR, FIXED FILM: 1960 ohm $\pm 1\%$ ; 1/4 W; IRC type MDB			1	1.3	0.4	4.0		R1406
P F	5905-615-7718		RESISTOR, FIXED, FILM: 2150 ohm $\pm 1\%$ ; 1/4 W; MIL type RN65B2151F			1	1.3	0.4	4.0		R805
P F	5905-171-2009		RESISTOR, FIXED, COMPOSITION: 2,200 ohm $\pm 10\%$ ; 1/2 W; MIL type RC20GF222K (Authorized allowances based on a total of 4)			3	2.6	0.8	16.0		R1004 R1209 R1418
P F	5905-299-2044		RESISTOR, FIXED, COMPOSITION: 2,200 ohm $\pm 10\%$ ; 1 W; MIL type RC20GF222K (Authorized allowances based on a total of 4)			1	2.6	0.8	16.0		R1507



SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D			OA-2180/FRT-51 (Continued)								
P F	5905-279-7515		RESISTOR, FIXED, WIRE WOUND: 2,400 ohm $\pm 3\%$ ; 5W; Sage Electronics type S111c ohm 11'S 11" Item Nos. R1816, R1920, R2017, R2117, R2212			5	3.4	1.1	20.0		See desc Column
P F	5905-195-6741		RESISTOR, FIXED, COMPOSITION: 2,700 ohm $\pm 10\%$ ; 1/2 W; MIL type RC20GF272K (Authorized allowances based on a total of 2)			1	1.9	0.6	8.0		R1417
P F	5905-581-0099		RESISTOR, FIXED, FILM: 3010 Ohm $\pm 1\%$ ; 1/4 W; MIL type RN65B3011F			1	1.3	0.4	4.0		R804
P F	5905-299-2039		RESISTOR, FIXED, COMPOSITION: 3,900 ohm $\pm 10\%$ ; 1 W; MIL type RC32GF392K			2	1.9	0.6	8.0		R1415 R1434
P F	5905-615-7730		RESISTOR, FIXED FILM: 4640 ohms $\pm 1\%$ ; 1/4 W; MIL type RN65B4641F			1	1.3	0.4	4.0		R817
P F	5905-195-6451		RESISTOR, FIXED, COMPOSITION: 4,700 ohm $\pm 10\%$ ; 1/2 W; MIL type RC20GF472K (Authorized allowances based on a total of 8)			2	1.9	0.6	8.0		R1541 R1543
P F	5905-299-2037		RESISTOR, FIXED, COMPOSITION: 4,700 ohms $\pm 10\%$ ; 1 W; MIL type RC32GF472K (Authorized allowances based on a total of 30) Item Nos. R1218, R1224, R1223, R1230, R1407, R1412, R1416, R1429, R1436, R1516, R1530, R1532, R1704, R1717, R1733, R1755, R4805			17	8.2	3.2	90.0		See desc Column
P F	5905-615-7729		RESISTOR, FIXED FILM: 5,110 ohm $\pm 1\%$ ; 1/4 W; MIL type RN65B511F (Authorized allowances based on a total of 3)			1	2.5	0.8	12.0		R812
P F	5905-299-2038		RESISTOR, FIXED, COMPOSITION: 5,600 ohm $\pm 10\%$ ; 1 W; mil type RC32GF562K			1	1.3	0.4	4.0		R4809
P F	5905-615-7714		RESISTOR, FIXED FILM: 6,810 ohm $\pm 1\%$ ; 1/4 W; IRC type MDB (Authorized allowances based on a total of 2)			1	1.9	0.6	8.0		R1745
P F	5905-171-1985		RESISTOR, FIXED, COMPOSITION: 8,200 ohm $\pm 10\%$ ; 1/2 W; MIL type RC20GF822K			1	1.3	0.4	4.0		R1801

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A   B   C   D			OA-2180/FRT-51 (Continued)								
P F	5905-185-8518		RESISTOR, FIXED COMPOSITION: 10,000 ohm $\pm 10\%$ ; 1/2 W; MIL type RC20GF103K (Authorized allowances based on a total of 16) Item Nos. R1003, R1537 R1740, R1819, R1919			5	7.3	2.8	64.0		See desc Column
P F	5905-299-2029		RESISTOR, FIXED, COMPOSITION: 10,000 ohm $\pm 10\%$ ; 1 W; MIL type RC32GF103K			4	2.6	0.8	16.0		R1235 R1311 R1535 R1539 R1423 R1428
P F	5905-185-8521		RESISTOR, FIXED, COMPOSITION: 10,000 ohm $\pm 10\%$ ; 2 W; MIL type RC42GF103K			2	1.9	0.6	8.0		R814
P F	5905-556-6653		RESISTOR, FIXED, FILM: 11,000 ohm $\pm 1\%$ ; 1 W; MIL type RN65B1102F			1	1.3	0.4	4.0		R1430 R1431
P F	5905-615-8090		RESISTOR, FIXED FILM: 12,100 ohm $\pm 1\%$ ; 1/4 W; IRC MDB			2	1.9	0.6	8.0		R1544
P F	5905-615-7709		RESISTOR, FIXED, FILM: 14,700 ohm $\pm 1\%$ ; 1/4 W; IRC type MDB (Authorized allowances based on a total of 2)			1	1.9	0.6	8.0		R1212
P F	5905-190-8876		RESISTOR, FIXED, COMPOSITION: 15,000 ohm $\pm 10\%$ ; 1/2 W; MIL type RC20GF153K (Authorized allowances based on a total of 2)			1	1.9	0.6	8.0		R1103 R1106
P F	5905-299-2028		RESISTOR, FIXED, COMPOSITION: 15,000 ohm $\pm 5\%$ ; 1 W; MIL type RC32GF153J (Authorized allowances based on a total of 4)			2	2.6	0.8	16.0		R1405
P F	5905-171-1976		RESISTOR, FIXED, COMPOSITION: 1,500 ohm $\pm 5\%$ ; 2 W; MIL type RC42GF153J (Authorized allowances based on a total of 2)			1	1.9	0.6	8.0		R1710
P F	5905-190-8879		RESISTOR, FIXED, COMPOSITION: 18,000 ohm $\pm 10\%$ ; 1/2 W; MIL type RC20GF183K			1	1.3	0.4	4.0		R1753 R1754
P F	5905-299-2023		RESISTOR, FIXED, COMPOSITION: 18,000 ohm $\pm 5\%$ ; 1 W; MIL type RC32GF183J			2	1.9	0.6	8.0		R1448 R1504 R1715
P F	5905-171-2004		RESISTOR, FIXED, COMPOSITION: 22,000 ohm $\pm 5\%$ ; 1/2 W; MIL type RC20GF223J (Authorized allowances based on a total of 8)			3	4.5	1.6	32.0		

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B I C D			OA-2180/FRT-51 (Continued)								
P F	5905-299-2019		RESISTOR, FIXED, COMPOSITION: 22,000 ohm $\pm 10\%$ ; 1 W; MIL type RC32GF223K			2	1.9	0.6	8.0		R1207 R1732
P F	5905-249-4233		RESISTOR, FIXED, COMPOSITION: 22,000 ohm $\pm 10\%$ ; 2 W; MIL type RC42GF223K (Authorized allowances based on a total of 5)			3	3.4	1.1	20.0		R1217 R1223 R1523
P F	5905-615-7707		RESISTOR, FIXED FILM: 23,700 $\pm 1\%$ ; 1/4W; IRC type MDB Item Nos. R1519, R1520, R1545, R1736, R1737			5	3.4	1.1	20.0		See desc Column
P F	5905-279-3499		RESISTOR, FIXED, COMPOSITION: 27,000 ohm $\pm 5\%$ ; 1/2W; MIL type RC20GF273J (Authorized allowances based on a total of 3)			1	2.5	0.8	12.0		R1215
P F	5905-299-2020		RESISTOR, FIXED, COMPOSITION: 27,000 ohm $\pm 5\%$ ; 1 W; MIL type RC32GF273J (Authorized allowances based on a total of 4)			3	2.6	0.8	16.0		R4402 R4403 R4404
P F	5905-249-4248		RESISTOR, FIXED, COMPOSITION: 33,000 ohm $\pm 10\%$ ; 1/2 W; MIL RC20GF333K			2	1.9	0.6	8.0		R1101 R1203
P F	5905-120-0487		RESISTOR, FIXED, COMPOSITION: 33,000 ohm $\pm 10\%$ ; 1 W; MIL type RC32GF333K			2	1.9	0.6	8.0		R1105 R1206
P F	5905-279-2675		RESISTOR, FIXED, COMPOSITION: 33,000 ohm $\pm 5\%$ ; 2 W; MIL type RC42GF333J (Authorized allowances based on a total of 3)			2	2.5	0.8	12.0		R1228 R1517
P F	5905-295-3410		RESISTOR, FIXED, COMPOSITION: 47,000 ohm $\pm 10\%$ ; 1/2 W; MIL type RC20GF473K (Authorized allowances based on a total of 24) Item Nos. R1201, R1204 R1501, R1509, R1522, R1524, R1526, R1528, R1531, R1705, R1721, R1722, R1734, R1735, R1747, R1752, R1803, R1820, R1901, R1903, R2003, R2103, R2203			23	9.0	3.6	102.0		see desc Column
P F	5905-299-2014		RESISTOR, FIXED, COMPOSITION: 47,000 ohm $\pm 10\%$ ; 1 W; MIL type RC32GF473K (Authorized allowances based on a total of 9)			3	5.2	1.9	36.0		R801 R1422 R1503



SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A   B   C   D			OA-2180/FRT-51 (Continued)								
P F	5905-190-8873		RESISTOR, FIXED, COMPOSITION: 47,000 ohm $\pm 10\%$ ; 2 W; MIL type RC42GF473K (Authorized allowances based on a total of 3)			1	2.5	0.8	12.0		R1727
P F	5905-583-6224		RESISTOR, FIXED FILM: 47,500 ohm $\pm 1\%$ ; 1/4 W; MIL type RN65B4752F			3	2.5	0.8	12.0		R802 R1718 R1719
P F	5905-192-3988		RESISTOR, FIXED, COMPOSITION: 56,000 ohm $\pm 10\%$ ; 1/2 W; MIL type RC06GF563K			1	1.3	0.4	4.0		R1104
P F	5905-299-2012		RESISTOR, FIXED, COMPOSITION: 56,000 ohm $\pm 10\%$ ; 1 W; MIL type RC32GF563K Item Nos. R1227, R1234, R1708, R1709, R1716, R1746			6	4.0	1.4	24.0		See desc Column
P F	5905-553-2197		RESISTOR, FIXED FILM: 56,200 ohm $\pm 1\%$ ; 1/2 W; MIL type RN70B5622F			1	1.9	0.6	8.0		R1921
P F	5905-249-3661		RESISTOR, FIXED, COMPOSITION: 68,000 ohm $\pm 5\%$ ; 1/2 W; MIL type RC06GF683J (Authorized allowances based on a total of 3)			1	2.5	0.8	12.0	✓	R1002
P F	5905-299-2007		RESISTOR, FIXED, COMPOSITION: 68,000 ohm $\pm 10\%$ ; 1 W; MIL type RC32GF683K			1	1.3	0.4	4.0		R1510
P F	5905-557-9924		RESISTOR, FIXED, FILM: 68,100 $\pm 1\%$ ; 1/4 W; IRC type MDB			1	1.3	0.4	4.0		R1515
P F	5905-254-7097		RESISTOR, FIXED, COMPOSITION: 82,000 ohm $\pm 10\%$ ; 1/2 W; MIL type RC02GF823K			1	1.3	0.4	4.0		R1102
P F	5905-195-6761		RESISTOR, FIXED, COMPOSITION: 100,000 ohm $\pm 5\%$ ; 1/2 W; MIL type RC20GF104J (Authorized allowances based on a total of 40) Item Nos. R1413, R1419, R1421, R1427, R1432, R1505, R1533, R1536, R1724, R1725, R1757, R1805, R1809, R1905, R1909, R2005, R2105, R2205, R4802, R4816, R4812			21	9.8	4.0	80.0		See desc Column
P F	5905-299-2004		RESISTOR, FIXED, COMPOSITION: 100,000 ohm $\pm 10\%$ ; 1 W; MIL type RC32GF104K (Authorized allowances based on a total of 4)			2	2.6	0.8	16.0		R1205 R1615

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D			OA-2180/FRT-51 (Continued)								
P F	5905-192-3981		RESISTOR, FIXED, COMPOSITION: 120,000 ohm $\pm 5\%$ ; 1/2 W; MIL type RC20GF124J			3	2.5	0.8	12.0		R1402 R1403 R1411
P F	5905-578-0214		RESISTOR, FIXED, FILM: 100,000 ohm $\pm 1\%$ ; 1/4 W; IRC type MDB Item Nos. R1714, R1731, R2015, R2016, R2115			5	3.4	1.1	20.0		See desc Column
P F	5905-655-3982		RESISTOR, FIXED FILM: 133,000 ohm $\pm 1\%$ ; 1/4 W; IRC type MDB			1	1.3	0.4	4.0		R1922
P F	5905-192-9260		RESISTOR, FIXED, COMPOSITION: 150,000 ohm $\pm 10\%$ ; 1/2 W; MIL type RC20GF154K (Authorized allowances based on a total of 3)			1	2.5	0.8	12.0		R1758
P F	5905-299-1999		RESISTOR, FIXED, COMPOSITION: 150,000 ohm $\pm 5\%$ ; 1 W; MIL type RC32GF154J			1	1.3	0.4	4.0		R1213
P F	5905-578-9057		RESISTOR, FIXED FILM: 215,000 $\pm 1\%$ ; MIL type RN65B2153F			2	1.9	0.6	8.0		R808 R809
P F	5905-295-3409		RESISTOR, FIXED, COMPOSITION: 220,000 ohm $\pm 10\%$ ; 1/2 W; MIL type RC20GF224K; (Authorized allowances based on a total of 9) Item Nos. R1001, R1736, R1916, R4801, R4807			5	5.2	1.9	36.0		See desc Column
P F	5905-279-1714		RESISTOR, FIXED, COMPOSITION: 220,000 ohm $\pm 10\%$ ; 1 W; MIL type RC32GF224K			1	1.3	0.4	4.0		R1538
P F	5905-190-8885		RESISTOR, FIXED, COMPOSITION: 270,000 ohm $\pm 5\%$ ; 1/2 W; MIL type RC20GF274J (Authorized allowances based on a total of 15) Item Nos. R1225, R1231, R1232, R1513, R1707, R1712, R1720, R1729			8	6.7	2.5	45.0		See desc Column
P F	5905-557-1950		RESISTOR, FIXED FILM: 301,000 ohm $\pm 1\%$ ; 1/4 W; IRC type MDB			1	1.3	0.4	4.0		R2116
P F	5905-279-2515		RESISTOR, FIXED, COMPOSITION: 470,000 ohm $\pm 5\%$ ; 1/2 W; MIL type RC20GF474J (Authorized allowances based on a total of 20) Item Nos. R1208, R1424, R1540, R1542 R1546, R1706, R1713, R1730			8	8.2	3.2	60.0		See desc Column

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D			OA-2180/FRT-51 (Continued)								
P F	5905-299-1993		RESISTOR, FIXED, COMPOSITION: 470, 000 ohm $\pm 5\%$ ; 1 W; MIL type RC32GF474J			1	1.3	0.4	4.0		RL534
P F	5905-192-3982		RESISTOR, FIXED, COMPOSITION: 1 meg $\pm 10\%$ ; 1/2 W; MIL type RC20GF105K (Authorized allowances based on a total of 8)			3	4.5	1.6	32.0		RL202 RL1759 RL4811
P F	5905-646-5785		RESISTOR, FIXED FILM: 1 met $\pm 1\%$ ; 1/4 W; IRC type MDB			2	1.9	0.6	8.0		RL514 RL1728
P F	5905-557-9405		RESISTOR, FIXED FILM: 2.21 meg $\pm 1\%$ ; 1/2 W; IRC type MDC			1	1.3	0.4	4.0		RL1711
P F	5905-655-1227		RESISTOR, VARIABLE: ww; 500 ohm $\pm 10\%$ ; 0.8 W; Bourne Laboratories type 223			1	1.3	0.4	4.0		RL1742
P F	5905-615-8058		RESISTOR, VARIABLE: Comp; 500 ohm $\pm 20\%$ ; 1 W; Chicago Telephone Supply Co type 90			1	1.3	0.4	4.0		RL437
P F	5905-542-7682		RESISTOR, VARIABLE: ww; 2000 ohm $\pm 10\%$ ; 0.8 W; Ord part/dwg 10051033 (Authorized allowances based on a total of 3)			1	1.3	0.4	4.0		RL4804
P F	5905-577-9656		RESISTOR, VARIABLE, LINEAR PRECISION: film/ type element; 20, 000 ohm $\pm 5\%$ ; 2.5 W; technology inst. Corp type PL-1/4			2	1.9	0.6	8.0		RL803 RL810
P F	5340-619-7515		RING, RETAINING: 0.073 in id x 0.17 in thk; Waldes Koh-I-Noor part 5133-9S			3	1.3	0.4	12.0		RL899.11
P F	5340-619-3376		RING, RETAINING: 0.094 in id x 0.015 in thk; Waldes Koh-I-Noor part 5133-12-S Item Nos. H984, HL514 H1807, H1905, H2004, H2107, H2207			18	4.0	1.4	36.0		See desc Column
P F	5340-619-7514		RING, RETAINING: 0.114 in id x 0.025 in thk; Waldes Koh-I-Noor part 5133-15-3			2		0.3	8.0		RL899
P F	5340-200-2518		RING, RETAINING: 0.122 in id x 0.025 in thk; Waldes Koh-I-Noor part X5133-18			4	1.5	0.5	12.0		RL1032 RL1111

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D			OA-2180/FRT-51 (Continued)								
P F	5340-281-3597		RING, RETAINING: 0.140 in id x 0.10 in thk; Waldes Koh-I-Noor part NAS-51-15			3	1.3	0.4	12.0		H899.14
P F	5340-282-1633		RING, RETAINING: 0.145 in id x 0.025 in thk; Waldes Koh-I-Noor part 5133-18 Item Nos. H886, H1031, H110, H8007			9	2.5	0.8	18.0		See desc Column
P F	5340-282-0784		RING, RETAINING: 0.168 in id x 0.015 in thk; Waldes Koh-I-Noor part 5100-18-C Item Nos H889, H1056, H1109, H1221, H1512, H1806, H1904, H2003, H2106, H2206			57	8.2	3.2	114.0		See desc Column
P F	5340-619-3375		RING, RETAINING: 0.170 in id x 0.163 in thk; Collins Part/dwg 503-1121-002			1	0.7	0.2	4.0		H899.5
P F	5340-720-8064		RING, RETAINING: 0.225 in id x 0.025 in thk; Waldes Koh-I-Noor part 5100-25-S			24	4.5	1.6	48.0		H882 H1513 H8006
P F	5340-282-0782		RING, RETAINING: 0.225 in id x 0.025 in thk; Waldes Koh-I-Noor part 5100-25C			20	6.2	2.3	40.0		H801 H4407
P F	5340-282-0793		RING, RETAINING: 0.281 in id x 0.025 in thk; Waldes Koh-I-Noor part 5100-31C			5	1.7	0.5	10.0		H899.44
P F	5340-598-1019		RING, RETAINING: 0.338 in id x 0.0265 in thk; Waldes Koh-I-Noor part NAS-51-37			12	2.6	0.8	24.0		H854
P F	5340-543-3551		RING, RETAINING: 0.533 in od x 0.035 in thk; Waldes Koh-I-Noor part 5000-50-S			5	0.6	0.8	24.0		H890
P F	5305-619-4697		SCREW, MACHINE: brass; fillister head; 80-NF class 2 Fitx 1/16 in lg; Pheoll Mfg Co			3	1.9	0.6	12.0		H1030
P F	5305-292-6728		SCREW, MACHINE: brass; pan head; 3-48 NC class 2 A thd; 3/16 in lg; Pheoll Mfg Co paer Collins dwg 343-0382-00			3	1.9	0.6	12.0		H185 H1912 H2006



SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A   B   C   D			OA-2018/FRT-51 (Continued)								
P F	5960-556-9314		SEMICONDUCTOR DEVICE, DIODE: Texas Inst part 65309			1	1.0	0.3	4.0		CR1710
P F	5960-842-3525		SEMICONDUCTOR DEVICE, DIODE: MIL type 1N198 (Authorized allowances based on a total of 31) Item Nos: CR1201 thru CR1204 CR1401 CR1501 thru CR1507 CR1701 CR1703 CR1706 CR1707 CR1709 CR1801 CR1901 CR4801 CR4802			21	8.2	3.2	93.0		See desc Column
P F	5960-615-5896		SEMICONDUCTOR DEVICE, DIODE: Hughes Aircraft part MP-3612 (Authorized allowances based on a total of 10)			2	4.0	1.4	30.0		CR1702 CR1708
P O	5960-546-7191		SHIELD ELECTRON TUBE: accom 9 pin miniature tube; Collins part/dwg 541-655-003			5	2.6	0.8	15.0		E1804 E1904 E2003 E2103 E2203
P O	5960-295-7652		SHIELD, ELECTRON TUBE: accom 6AQ5 tube; Collins part/dwg 541-6552-003 (Authorized allowances based on a total of 7)			1	1.0	0.3	3.0		E4802
P O	5960-564-4772		SHIELD, ELECTRON TUBE: accom 6AU6 tube; Collins part/dwg 541-6551-002 (Authorized allowances based on a total of 44) Item Nos. E1101, E1102, E1201, E1203 thru E1206, E141 E1403, E1404, E1501, E1503, E1504, E1506, E1507, E1702, E1703, E1705, E1706, E1802, E1803, E1902, E1903, E2002, E2102, E2202, E4801			27	6.7	2.5	88.0		See desc Column
P O	5960-564-4755		SHIELD, ELECTRON TUBE: accom 12AU7 tube; Collins part/dwg 541-6554-003 (Authorized allowances based on a total of 26) Item Nos. E1103, E1104, E1220, E1222, E1223, E1224, E1225, E1419, E1480, E1421, E1534, thru E1538, E1729 thru E1732, E1824, E1825, E1923, E1924, E2020, E2120 E2219, E4811, E4812			15	4.5	1.6	52.0		See desc Column

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
P O	5960-613-1757		OA-2180/PRT-51 (continued)  SHIELD, ELECTRON TUBE: 2-5/16 in lg x 13/32 in w x 0.005 in thk; Collins part/dwg 541-6532-003 (Authorized allowances based on a total of 51) Item Nos: E1102, E1104, E1220, E1222, E1223, E1224, E1225, E1419, E1420, E1421, E1534 thru E1538 E1729 thru E1732, E1824, E1825, E1923, E1924, E2020, E2120, E2219, E4811, E4812  SHIELD ELECTRON TUBE, SOCKET: 2-25/32 in lg x 13/32 in w x 0.005 in thk; Collins part/dwg 541-6533-003 (Authorized allowances based on a total of 31) Item Nos: E1003, E1004, E1221, E1422, E1423, E1424, E1532, E1533, E1733, E1734, E1826, E1827, E1925, E1926, E2021, E2122, E2220 E2221  SHIELD ELECTRON TUBE: , SOCKET: 1.140 in lg x 0.269 in w x 3/4 in h; Collins part/dwg 502-1427-002  SOCKET, ELECTRON TUBE: JAN type TS102P01 (Authorized allowances based on a total of 49) Item Nos: Xv1101, Xv1102, Xv10201, Xv1203, thru Xv1206, Xv1401, Xv1403, Xv1404, Xv1501, Xv1503, Xv1504, Xv1506, Xv1507, Xv1702, Xv1703, Xv1705, Xv1706, Xv1802, Xv1803, Xv1902, Xv1903, Xv2002, Xv2102, Xv2202, Xv4801, Xv4802.  SOCKET ELECTRON TUBE: JAN type TS103P01 (Authorized allowances based on a total of 31) Item Nos: Xv1001, Xv1002, Xv1202, Xv1402, Xv1405, Xv1406, Xv1502, Xv1505, Xv1701, Xv1704, Xv1801, Xv1804, Xv1901, Xv1904, Xv2001, Xv2003, Xv2101, Xv2103, Xv2201, Xv2203			28	7.3	2.8	102.0		See desc column
P O	5935-651-2698					20	5.2	1.9	62.0		See desc column
P O	5835-302-5754					3	1.9	0.6	12.0		E1425, E1512
P O	5935-260-0516					28	7.3	2.8	98.0		See desc column
P P	5935-160-1365					20	5.2	1.9	62.0		See desc column

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B I C D			OA-2180/FRT-51 (continued)								
P F	5945-655-1241		SOLENOID, ELECTRICAL: 32 vdc; P.S.P/ Engineering part SK-0069			1	1.0	0.3	4.0		K803
P F	5945-031-2876		SOLENOID, ELECTRICAL: 32 vdc; Phillips Control Corp type 42C-25DC			1	1.0	0.3	4.0		K804
P O R	5805-677-0210		SPECTRON DETENT: 1 kc, 4.5 kc, 5 kc input; 250 kc, 570 kc output; 28 vdc, +300 vdc input 12.6 vac, 50 to 60 cyc, 1 ph; Collins part/dwg 544-1787-016	NX		1	0.7	0.2	4.0		1201 thru 1299
F F	5820-647-3849		SPRING, DETENT: music wire 0.016 in dia; 3/16 in h x 3/5 in lg o/a; Collins part/dwg 544-1449-002			2	1.5	0.5	8.0		0874, 0875

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A	B	C	D								
P F	5805-677-9233		OA-2180/FRT-51 (continued) SPRING, HELICAL, EXTENSION: SS; 0.124 in id x 0.156 in od x 0.671 in lg; Collins part/dwg 545-2996-002			1	1.0	0.3	4.0		0843
P F	5820-619-3371		SPRING, HELICAL, EXTENSION: SS; 3/16 in id x 1/4 in od x 1.604 in lg; Collins part/dwg 340-0022-00 (Authorized allowances based on a total of 3)			1	1.9	0.6	12.0		0899.339
P F	5820-652-5562		SPRING, HELICAL, EXTENSION: 0.157 in id x 0.178 in od x 1-25/32 in lg; Collins part/dwg 544-2111-002			1	1.0	0.3	4.0		0899.348
P F	5821-663-1597		SPRING, HELICAL, EXTENSION: 0.115 in od x 0.562 in lg; Collins part/dwg 502-0939-001			1	1.0	0.3	4.0		01009
P F	5820-537-4835		SPRING, HELICAL, EXTENSION: 0.130 in od x 0.450 in lg; Collins part/dwg 506-2068-002 Item Nos: 0899.3, 0899.315, 0899.316, 0899.517, 0899.410 thru 0899.413			8	3.4	1.1	24.0		See desc column
P F	5820-647-3847		SPRING, HELICAL, EXTENSION: 0.147 in id x 0.203 in od x 4-1/4 in lg; Collins part/dwg 544-1490-002 (For authorized allowances see Group I)			4					0899.33 thru 0899.36
P F	5820-652-5563		SPRING, HELICAL, EXTENSION: 0.137 in id x 1-7/10 in lg; Collins part/dwg 544-1468-002			1	1.0	0.3	4.0		0867
P F	5340-532-6882		SPRING, LOCKING: 0.028 in x 0.179 in x 0.230 in o/a; Cambridge Thermionie type X1985-3			1	1.0	0.3	4.0		01212
P F	5340-355-9866		SPRING, LOCKING: 0.030 in x 0.224 in x 0.310 in o/a; Collins part/dwg 502-6005-002 Item Nos: 01219, 01539 thru 01556, 01816 thru 01822, 01912 thru 01918, 02015 thru 02019, 02113 thru 02117, 02213 thru 02217			48	7.3	2.8	96.0		See desc column
P F	5820-542-1087		SPROCKET, WHEEL: 17 teeth; Collins part/dwg 544-1419-003			1	1.0	0.3	4.0		0899.65



SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A   B   C   D			OA-2180/FRT-51 (continued)								
P F	5915-577-9048		SUPPRESSOR, PARASTIC; 100 ohm; 1/2w; Collins part/dwg 544-1616-002			2	1.5	0.5	8.0		Z2106, Z2206
P F	5930-266-0995		SWITCH, PUSH: 230 vac; Hetherington part C100B3			1	1.0	0.3	4.0		S806
P F	5930-539-7388		SWITCH, PUSH: 250v; 10 amp; Electro Snap Switch and Mfg Co. part S3-4			2	1.5	0.5	8.0		S8003, S8004
P F	5930-655-1903		SWITCH, ROTARY: 2 positions; 4 moving cont, 12 fixed cont; 4 poles; 1 throw; Oak Mfg type F			2	1.5	0.5	8.0		S801, S803
P F	5930-655-1908		SWITCH, ROTARY: 5 positions; 2 moving cont, 12 fixed cont; 2 pole, 4 throw; Oak Mfg type F			1	1.0	0.3	4.0		S1401
P F	5930-655-1904		SWITCH, ROTARY: 2 sect; 2 pole; 5 throw; Oak Mfg type F			1	1.0	0.3	4.0		S804A,B
P F	5930-655-1910		SWITCH, ROTARY: 2 moving cont, 9 fixed cont, 2 pole, 9 throw; Oak Mfg type F			1	1.0	0.3	4.0		S802
P F	5930-577-8618		SWITCH SECTION, ROTARY: 1 moving, 4 fixed cont, Collins part/dwg 269-1970-00			1	1.0	0.3	4.0		S4401
P F	5930-655-1214		SWITCH SECTION, ROTARY: 1 moving cont, 6 fixed cont; Oak Mfg type K			7	3.4	1.1	21.0		S1502 thru S1507, S4402
P F	5930-655-1255		SWITCH SECTION, ROTARY: 2 moving cont, 8 fixed cont; Oak Mfg type K			1	1.0	0.3	4.0		S1501
P F	5930-655-1911		SWITCH SECTION, ROTARY: 2 moving cont, 8 fixed cont; Oak Mfg type K			3	1.9	0.6	12.0		S4403, S4404, S4406
P F	5930-655-1912		SWITCH SECTION, ROTARY: 2 moving cont, 12 fixed cont; Oak Mfg type K			1	1.0	0.3	4.0		S405
P F	5930-548-8338		SWITCH SENSITIVE: 250 vac, 5 amp; 30 vdc, 4 amp; Micro Switch Div part 11SW3-T			2	1.5	0.5	8.0		S805, S807

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A   B   C   D			OA-2180/FRT-51 (continued)								
P F	5930-201-5047		SWITCH, THERMOSTATIC: spst; 230v, 5 amp Fenwal part 17010			2	1.5	0.5	8.0		S1001, S1101
P F	5930-752-3038		SWITCH, TOGGLE: 13/16 in lg x 43/64 in w x 1.930 in h; Micro Switch Div part 6AT42			1	1.0	0.3	4.0		S4801
P F	5930-577-2372		SWITCH, TOGGLE: spdt; Sig dwg SM-C-209256-1 (Authorized allowances based on a total of 2)			1	1.5	0.5	8.0		S4407
P O	5305-619-2260		THUMBSCREW: SS; 10-32 mf 2b thd; 2-5/16 in lg; Collins part/dwg 543-7797-002			2	1.5	0.5	8.0		0899.119 0899.173
P F	5950-655-0261		TRANSFORMER AUDIO FREQUENCY: plate coupling type; 6500 primary impedance, 600 ohm secd impedance Audio Development part A10359			1	1.0	0.3	4.0		T1401
P F	5950-543-9677		TRANSFORMER, DISCRIMINATOR: 250 kc, Freed Transformer part 27282			1	1.0	0.3	4.0		Z1705
P F	5950-655-0544		TRANSFORMER, INTERMEDIATE FREQUENCY: 250 kc; Freed transformer part 26364			1	1.0	0.3	4.0		Z1706
P F	5950-655-0253		TRANSFORMER POWER STEP-DOWN: 115v, 50 to 60;cyc, 1 ph primary; 6.3v, 10 amp, 6.3v, 10 amp secd windings Audio Development part A8342			1	1.0	0.3	4.0		T801
P F	5950-690-9847		TRANSFORMER, RADIO FREQUENCY: 38 uh inductance; 1 tap at 7.5 turns; Collins part/dwg 541-8055-004			1	1.0	0.3	4.0		L1101
P F	5820-615-5946		TUNING UNIT, RADIO FREQUENCY: .605 to .705 mc freq range; Collins part/dwg 544-1783-004			1	1.0	0.3	4.0		Z1201
P F	5820-615-5913		TUNING UNIT, RADIO FREQUENCY: 1.70 to 3.70 mc freq range; Collins part/dwg 544-1648-004			1	1.0	0.3	4.0		Z1803
P F	5820-615-5919		TUNING UNIT, RADIO FREQUENCY: 1.70 to 3.70 mc freq range; Collins part/dwg 544-1646-004			1	1.0	0.3	4.0		Z1801

SOURCE CODE	FEDERAL STOCK NUMBER				DESIGNATION BY MODEL		DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
	A	B	C	D										FIGURE NO.	ITEM NO.
							OA-2180/FRT-51 (continued)								
P F							TUNING UNIT, RADIO FREQUENCY: 1.70 to 3.70 mc freq range; Collins part/dwg 544-1651-004			1	1.0	0.3	4.0		Z1806
P F							TUNING UNIT, RADIO FREQUENCY: 1.70 to 3.70 mc freq range; Collins part/dwg 544-1647-004			1	1.0	0.3	4.0		Z1802
P F							TUNING UNIT, RADIO FREQUENCY: 1.70 to 3.70 mc freq range; Collins part/dwg 544-1649-004			1	1.0	0.3	4.0		Z1804
P F							TUNING UNIT, RADIO FREQUENCY: 1.70 to 3.70 mc freq range; Collins part/dwg 544-1650-004			1	1.0	0.3	4.0		Z1805
P F							TUNING UNIT, RADIO FREQUENCY: 1.70 to 3.70 mc freq range; Collins part/dwg 544-1652-004			1	1.0	0.3	4.0		Z1807
P F							TUNING UNIT, RADIO FREQUENCY: 2 to 4 mc freq range; Collins part/dwg 544-1836-003			1	1.0	0.3	4.0		Z1509
P F							TUNING UNIT, RADIO FREQUENCY: 2 to 4 mc freq range; Collins part/dwg 544-1837-003			1	1.0	0.3	4.0		Z1510
P F							TUNING UNIT, RADIO FREQUENCY: 2.30 to 4.30 mc freq range; Collins part/dwg 544-1653-004			1	1.0	0.3	4.0		Z1901
P F							TUNING UNIT, RADIO FREQUENCY: 2.30 to 4.30 mc freq range; Collins part/dwg 544-1654-004			1	1.0	0.3	4.0		Z1902
P F							TUNING UNIT, RADIO FREQUENCY: 2.30 to 4.30 mc freq range; Collins part/dwg 544-1656-004			1	1.0	0.3	4.0		Z1903
P F							TUNING UNIT, RADIO FREQUENCY: 2.30 to 4.30 mc freq range; Collins part/dwg 544-1657-004			1	1.0	0.3	4.0		Z1904
P F							TUNING UNIT, RADIO FREQUENCY: 2.30 to 4.30 mc freq range; Collins part/dwg 544-1658-004			1	1.0	0.3	4.0		Z1905

49

SOURCE CODE	FEDERAL STOCK NUMBER			DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
	A	B	C	D								FIGURE NO.	ITEM NO.
P F					OA-2180/FRT-51 (continued)			1	1.0	0.3	4.0		Z1906
					TUNING UNIT, RADIO FREQUENCY: 2.30 to 4.30 mc freq range; Collins part/dwg 544-1655-004								
P F					TUNING UNIT, RADIO FREQUENCY: 2.30 to 4.30 mc freq range; Collins part/dwg 544-1655-004			1	1.0	0.3	4.0		Z1907
P F					TUNING UNIT, RADIO FREQUENCY: 2.65 to 4.65 mc freq range; Collins part/dwg 544-1829-003			1	1.0	0.3	4.0		Z1502
P F					TUNING UNIT, RADIO FREQUENCY: 2.65 mc freq range; Collins part/dwg 544-1838-003			1	1.0	0.3	4.0		Z1511
P F					TUNING UNIT, RADIO FREQUENCY: 2.65 to 4.65 mc freq range; Collins part/dwg 544-1839-003			1	1.0	0.3	4.0		Z1512
P F					TUNING UNIT, RADIO FREQUENCY: 4.30 to 8.30 mc freq range; Collins part/dwg 544-1662-004			1	1.0	0.3	4.0		Z2001
P F					TUNING UNIT, RADIO FREQUENCY: 4.30 to 8.30 mc freq range Collins part/dwg 544-1663-004			1	1.0	0.3	4.0		Z2002
P F					TUNING UNIT, RADIO FREQUENCY: 4.30 to 8.30 mc freq range Collins part/dwg 544-1664-004			1	1.0	0.3	4.0		Z2003
P F					TUNING UNIT, RADIO FREQUENCY: 4.30 to 8.30 mv freq range Collins part/dwg 544-1665-004			1	1.0	0.3	4.0		Z2004
P F					TUNING UNIT, RADIO FREQUENCY: 4.30 to 8.30 mc freq range Collins part/dwg 544-1666-004			1	1.0	0.3	4.0		Z2005
P F					TUNING UNIT, RADIO FREQUENCY: 4.65 to 8.65 mc freq range Collins part/dwg 544-1830-003			1	1.0	0.3	4.0		Z1503
P F					TUNING UNIT, RADIO FREQUENCY: 4.65 to 8.65 mc freq range; Collins part/dwg 544-1831-003			1	1.0	0.3	4.0		Z1504



SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D			OA-2, O/FRT-51 (continued)								
P F	5820-578-1852		TUNING UNIT, RADIO FREQUENCY: 6 to 12 mc freq range Collins part/dwg 544-1840-003			1	1.0	0.3	4.0		Z1513
P F	5820-615-5936		TUNING UNIT, RADIO FREQUENCY: 6 to 12 mc freq range Collins part/dwg 544-1843-003			1	1.0	0.3	4.0		Z1516
P F	5820-615-5944		TUNING UNIT, RADIO FREQUENCY: 6 to 12 mc freq range Collins part/dwg 544-1844-003			1	1.0	0.3	4.0		Z1517
P F	5820-615-5903		TUNING UNIT, RADIO FREQUENCY: 8.30 to 16.30 mc freq range Collins part/dwg 544-1667-004			1	1.0	0.3	4.0		Z2101
P F	5820-578-1347		TUNING UNIT, RADIO FREQUENCY: 8.30 to 16.30 mc freq range Collins part/dwg 544-1668-004			1	1.0	0.3	4.0		Z2102
P F	5820-578-1324		TUNING UNIT, RADIO FREQUENCY: 8.30 to 16.30 mc freq range Collins part/dwg 544-1669-004			1	1.0	0.3	4.0		Z2103
P F	5820-578-1321		TUNING UNIT, RADIO FREQUENCY: 8.30 to 16.30 mc freq range; Collins part/dw dwg 544-1670-004			1	1.0	0.3	4.0		Z2104
P F	5820-578-1338		TUNING UNIT, RADIO FREQUENCY: 8.30 to 16.30 mc freq range Collins part/ dwg 544-1671-004			1	1.0	0.3	4.0		Z2105
P F	5820-615-5900		TUNING UNIT, RADIO FREQUENCY: 8.65 to 16.65 mc freq range Collins part/ dwg 544-1832-003			1	1.0	0.3	4.0		Z1505
P F	5820-615-5912		TUNING UNIT, RADIO FREQUENCY: 8.65 to 16.65 mc freq range; Collins part/ dwg 544-1833-003			1	1.0	0.3	4.0		Z1506
P F	5820-615-5948		TUNING UNIT, RADIO FREQUENCY: 14 to 28 mc freq range; Collins part/dwg 544-1841-003			1	1.0	0.3	4.0		Z1514
P F	5820-615-5949		TUNING UNIT, RADIO FREQUENCY: 14 to 28 mc freq range; Collins part/dwg 544-1842-003			1	1.0	0.3	4.0		Z1515

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D			OA-2185/FRT-51 (continued)								
P F	5820-615-5925		TUNING UNIT, RADIO FREQUENCY: 14 to 48 mc freq range; Collins part/dwg 544-1845-003			1	1.0	0.3	4.0		Z1518
P F	5820-615-5937		TUNING UNIT, RADIO FREQUENCY: 14-28 mc freq range; Collins part/dwg 544-1846-003			1	1.0	0.3	4.0		Z1519
P F	5820-615-5923		TUNING UNIT, RADIO FREQUENCY: 16.30 to 32.30 mc freq range; Collins part/dwg 544-1672-004			1	1.0	0.3	4.0		Z2201
P F	5820-647-1375		TUNING UNIT, RADIO FREQUENCY: 16.30 to 32.30 mc freq range Collins part/dwg 544-1673-004			1	1.0	0.3	4.0		Z2202
P F	5820-553-5111		TUNING UNIT, RADIO FREQUENCY: 16.30 to 32.30 mc freq range; Collins part/dwg 544-1674-004			1	1.0	0.3	4.0		Z2203
P F	5820-647-1376		TUNING UNIT, RADIO FREQUENCY: 16.30 to 32.30 mc freq range; Collins part/dwg 544-1675-004			1	1.0	0.3	4.0		Z2204
P F	5820-615-5952		TUNING UNIT, RADIO FREQUENCY: 16.30 to 32.30 mc freq range Collins part/dwg 544-1676-004			1	1.0	0.3	4.0		Z2205
P F	5820-615-5905		TUNING UNIT, RADIO FREQUENCY: 16.65 to 32.65 mc freq range; Collins part/dwg 544-1834-003			1	1.0	0.3	4.0		Z5107
P F	5820-615-5938		TUNING UNIT, RADIO FREQUENCY: 16.65 to 32.65 mc freq range; Collins part/dwg 544-1835-003			1	1.0	0.3	4.0		Z1508
P F	5820-615-5918		TUNING UNIT, RADIO FREQUENCY: 100 kc freq; Collins part/dwg 544-1848-004			1	1.0	0.3	4.0		Z1501
P F	5820-578-1866		TUNING UNIT, RADIO FREQUENCY: 250kc freq; Collins part/dwg 544-1784-004			1	1.0	0.3	4.0		Z1206
P F	5935-685-9494		GROUP 4 CONVERTER-AMPLIFIER-MODULATOR CV-1411/FRT-51  ADAPTER, CONNECTOR: metallic; Automatic Metal Corp part 0700-35D			1	1.0	0.3	4.0		E206



SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A   B   C   D			OA-2180/PFT-51 (continued)								
P F	5910-280-7401		CAPACITOR, FIXED, CERAMIC DIELECTRIC: 10,000 uuf +100% -20%; 500 vdcw; MIL type KV53V103Z (For authorized allowances see Group 3) Item Nos: C203, C204, C205, C207, C210, C222, C412, C4104, C4201, C4206, C4502, C4507, C4508			13					See desc column
P F	5910-725-5285		CAPACITOR, FIXED, PAPER DIELECTRIC: 10,000 uuf +20%; 600 vdcw; Sprague Elec part 103F10306S15 (For authorized allowances see Group 3)			4					C4001, C4002, C4003, C4011
P F	5910-543-9575		CAPACITOR, FIXED, PAPER DIELECTRIC: 68000 uuf +20%; 115 vac; Sprague type 103P (For authorized allowances see Group 3)			2					C4005, C4006
P F	5910-543-9572		CAPACITOR, FIXED, PAPER DIELECTRIC: 100,000 uuf +20%; 100 vdcw; Sprague type 186P-S1			1	1.0	0.3	3.0		C4509
P F	5910-543-9574		CAPACITOR, FIXED, PAPER DIELECTRIC: 100,000 uuf +20%; 100 vdcw; Sprague part P35848 (For authorized allowances see Group 3) Item Nos: C208, C216, C217, C403, C411, C421, C420, C423, C424, C4117, C4118, C4204, C4207, C4501, C4511, C4512			16					See desc column
P F	5910-543-9571		CAPACITOR, FIXED, PAPER DIELECTRIC: 100,000 uuf +20%; 400 vdcw; Sprague type 186P-T15 (For authorized allowances see Group 3)			5					C4107, C4111, C4119, C4203, C4205
P F	5910-543-9583		CAPACITOR, FIXED, PAPER DIELECTRIC: 100,000 uuf +20%; 400 vdcw; Sprague part P38645 (For authorized allowances see Group 3) Item Nos: C206, C123, C214, C404, C406, C415, C416, C425, C4503, C4513			10					See desc column



SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D			OA-2180/FRT-51 (continued)								
P F	5910-281-0829		CAPACITOR, FIXED, PAPER DIELECTRIC: 220,000 uuf ±20%; 100 vdcw; Sprague type 103P (For authorized allowances see Group 3)			4					C4007, C4008, C4009, C4010
P F	5910-655-0485		CAPACITOR, FIXED, PAPER DIELECTRIC: 220,00 uuf ±20%; 100 vdcw; Sprague part P35952 (For authorized allowances see Group 3)			1					C422
P F	5910-648-8799		CAPACITOR, FIXED, ELECTROLYTIC: 15 uf; 15 vdc Fansteel part PF15B15A2 (For authorized allowances see Group 3)			2					C218 C221
P F	5910-519-5950		CAPACITOR, FIXED, ELECTROLYTIC: 20 uuf, 25 vdc; GE part 29F567G4			1	1.7	0.5	5.0		C4510
P F	5910-284-5306		CAPACITOR, VARIABLE, CERAMIC DIELECTRIC: rotary type; 8 uuf to 75 uuf; 350 vdcw; Erie type 557			1	1.0	0.3	4.0		C4504
P F	5340-598-0383		CLAMP, LOOP: cable, nylon; Burndy part HP-4N (For authorized allowances see Group 3)			1					P4014
P F	5950-393-1467		COIL, RADIO FREQUENCY: 4 pies; 2.0 ma inductance; Electro Assemblies part 18-1117 (For authorized allowances see Group 3) Item Nos: L202, L404, L405, L4105, L4201, L4503			6					See desc column
P F	5950-646-4998		COIL, RADIO FREQUENCY: 4 pie; 8.2 mh inductance; F. W. Sickles part 294-245 (For authorized allowances see Group 3)			2					L4501, L4502
P F	5935-655-1206		CONNECTOR, PLUG, ELECTRICAL: 1 female cont; Automatic Metal Prod part RF-0701-35 Item Nos; P201 thru P204, P4014, R4015, R4101 P4501			8					
P F	5935-655-1208		CONNECTOR, PLUG, ELECTRICAL: 1 female cont; Automatic Metal Prod part RF-0702-35 (For authorized allowances see Group 3)			1					P401

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D			OA-2180/FRT-51 (continued)								
P F	5935-583-5084		CONNECTOR, PLUG, ELECTRICAL: 32 male cont; Amphenol part 26-4301-32P			1	1.0	0.3	4.0		P4002
P F	5935-655-1244		CONNECTOR, RECEPTACLE, ELECTRICAL: 1 female cont; Automatic Metal Prod part 0700-35C (For authorized allowances see Group 3) Item Nos: E204, E205, E207, E403, E4103, E4105			6					See desc column
P F	5935-655-1213		CONNECTOR, RECEPTACLE, ELECTRICAL: 1 male cont; Automatic Metal Prod part RF-0704M-34 (For authorized allowances see Group 3) Item Nos: J201, J202, J402, J4016, J4017 J403			6					See desc column
P F	5935-642-3122		CONNECTOR, RECEPTACLE, ELECTRICAL: 1 male cont; IFC part 45925 (For authorized allowances see Group 3) Item Nos: J4101, J4104, J4201, J4202, TP406, TP4101, TP4102 TP4103, TP4201, TP4502			10					See desc column
P F	5935-259-2039		CONNECTOR, RECEPTACLE, ELECTRICAL: 7 female cont; Amphenol type 26 (For authorized allowances see Group 3)			3					P4003, P4010, P4011
P F	5935-636-5913		CONNECTOR, RECEPTACLE, ELECTRICAL: 7 male cont; Amphenol type 26 (For authorized allowances see Group 3)			3					J204, J4102, J4203
P F	5935-257-8683		CONNECTOR, RECEPTACLE, ELECTRICAL: 9 female cont; Amphenol part 126-013 (For authorized allowances see Group 3)			1					P4013
P F	5935-201-2449		CONNECTOR, RECEPTACLE, ELECTRICAL: 9 male cont; Amphenol type 26-012 (For authorized allowances see Group 3)			1					J4501
P F	5935-227-8997		CONNECTOR, RECEPTACLE, ELECTRICAL: 18 female cont; Winchester Elec co part MRE-18S-G (For authorized allowances see Group 3)			2					P4001, P4009

SOURCE CODE	FEDERAL STOCK NUMBER				DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
	A	B	C	D									FIGURE NO.	ITEM NO.
						OA-2180/FRT-51 (continued)								
	P	F				5935-283-7098 CONNECTOR, RECTANGLE, ELECTRICAL: 18 male cont; Winchester Electronics part MRE-18P-G (For authorized allowances see Group 3)			2					J404, J4001
	P	F				5935-537-4281 CONNECTOR, RECTANGLE, ELECTRICAL: 24 male cont; Amphenol part 26-4401-24p (For authorized allowances see Group 3)			1	1.0	0.3	4.0		J4007
	P	F				5935-204-6061 CONNECTOR, RECTANGLE, ELECTRICAL: 32 female cont; Amphenol 26-4401-32S (Authorized allowances based on a total of 2)			1	1.0	0.3	4.0		J4002
	P	O	R			5805-681-7985 CONVERTER, FREQUENCY, ELECTRONIC: 100 kc, 94 to 100 kc or 100 to 107 kc incoming freq; Collins part/dwg 543-8748-014		NX	1	0.7	0.2	4.0		
	P	O				5960-264-3002 ELECTRON TUBE: MIL type 5750/6BE6W (For authorized allowances see Group 3)			1					V4201
	P	O				5960-264-2089 ELECTRON TUBE: MIL type 5749/6BA6W (For authorized allowances see Group 3)			3					V401, V402, V4501
	P	O				5960-262-0152 ELECTRON TUBE: MIL type 6AU6WA (for authorized allowances see Group 3)			1					V201
	P	O				5960-262-0167 ELECTRON TUBE: MIL type 12AT7WA (For authorized allowances see Group 3)			4					V202, V203 V4101, V4502
	P	F				5915-255-3518 FILTER, BAND PASS: 103 kc operating freq; 100,000 kc to 107,000 kc band w; WE220E			1	1.0	0.3	4.0		Z205
	P	F				5915-577-9018 FILTER, BAND PASS: 300 kc operating freq; 294 to 306 kc band w; Freed Trans part 26338			1	1.0	0.3	4.0		Z4202
	P	F				5915-255-3519 FILTER, BAND PASS: 97 kc operating freq; 94.00 kc to 99.900 kc band w; WE type 220D			1	1.0	0.3	4.0		Z204

SELMS Form  
1 Jun 64

1155 (Supersedes SELMS 003 TP, which is obsolete)

OA-2180/FRT-51

57

SOURCE CODE	FEDERAL STOCK NUMBER				DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT IN SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
	A	B	C	D									FIGURE NO.	ITEM NO.
P O R						OA-2180/FRT-51 (continued)								
P O R						FREQUENCY MULTIPLIER: 100 kc incoming freq; Collins part/dwg 543-8754-014		NX	1	0.7	0.2	4.0		
P F						GEAR ASSEMBLY: c/o bronze gear w/24 teeth and 1 brass gear w/72 teeth; Collins part/dwg 543-8740-002			1	1.0	0.3	4.0		04513
P F						GEAR ASSEMBLY: c/o 1 plastic gear w/200 teeth and 1 bronze gear 2/15 teeth; Collins part/dwg 543-8739-002			1	1.0	0.3	4.0		04512
P F						GEAR, SPUR: brass; 72 teeth; Collins part/dwg 543-8731-002			1	1.0	0.3	4.0		04507
P F						GEAR, SPUR: brass; 72 teeth; Collins part/dwg 543-8732-002			1	1.0	0.3	4.0		04508
P F						GEAR, SPUR: brass; 72 teeth; Collins part/dwg 543-8737-002			1	1.0	0.3	4.0		04511
P O R						INTERCONNECTING BOX: 8 in lg x 4 in w x 1-7/8 in h; Collins part/dwg 543-8763-004		NX	1	0.7	0.2	4.0		
P F						JACK, TELEPHONE: Spring leaf; 1-19/32 in lg x 5/8 in w x 1-3/4 in h; P. R. Mallory part A-2A Item Nos: J4003, thru J4006, J4008, J4009, J4012, J4013, J4018, thru J4021			12	4.5	1.6	36.0		See desc column
P F						JACK, TIP: Sealelectro Corp part SKT-1 (For authorized allowances see Group 3) Item TP202, TP203, TP207, TP208, TP209, TP404, TP405, TP407, TP420, TP4120, TP4202, TP4502, thru TP4507			43					
P O						KNOB: rd; 1 in od x 7/8 in thk; Collins part 543-5087-002 (For authorized allowances see Group 3)			4					04005 thru 04008
P F						METER, LEVEL: scale, db, -20 to +3 left to right, red band from 0 to +3; Collins part/dwg 481-0004-00		NX	2	1.5	0.5	8.0		M4001, M4002



SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D			OA-2180/FRT-51 (continued)								
P F	5310-619-4705		NUT, PLAIN, HEXAGON: 5/16-24 NF 2 thd; Collins part/dwg 313-0086-00			4	2.3	0.7	12.0		H4203
P F	5310-619-4703		NUT, PLAIN, HEXAGON: 1/4-28 NF2; Collins part/dwg 313-0005-00			1	1.0	0.3	4.0		H401
P F	5310-263-8462		NUT, PLAIN, HEXAGON: 3/8-32 NC2A; Collins part/dwg 313-0067-00			2	1.5	0.5	8.0		H4019
P F	5945-258-3206		RELAY ARMATURE: cont arrangement lc; 1 wd; RMB Mfg Co part GX-5930A (For authorized allowances see Group 3)			2					K201, K202
P F	5945-615-7736		RELAY ARMATURE: cont arrangement 2c; 115 vac, 3.0 amp; 27 vdc, 3.0 amp; RBM type H-SM			2	1.5	0.5	8.0		K4001, K4502
P F	5945-642-5562		RELAY ARMATURE: stdb; 115 vac; Barber Coleman part AYLZH-4308S			1	1.0	0.3	4.0		K4501
P F	5905-581-6917		RESISTOR, FIXED FILM: 30.1 ohm $\pm 1\%$ ; 1/4w; MIL type RN65B30R1F Item Nos: R236, R237, R239, R240, R246, R247, R249, R250			8	4.5	1.6	32.0		See desc column
P F	5905-615-7720		RESISTOR, FIXED FILM: 40.2 ohm $\pm 1\%$ ; 1/4w; MIL type RN65B40R2F			2	1.9	0.6	8.0		R221, R222
P F	5905-247-9329		RESISTOR, FIXED, COMPOSITION: 47 ohm $\pm 10\%$ ; 2w; MIL type RC42GF470K (For authorized allowances see Group 3)			1					R219
P F	5905-615-7721		RESISTOR, FIXED, FILM: 51.1 ohm $\pm 1\%$ ; 1/4w; MIL type RN65B51R1F (For authorized allowances see Group 3)			4					R231, R232, R241, R242
P F	5905-190-8889		RESISTOR, FIXED, COMPOSITION: 100 ohm $\pm 10\%$ ; 1/2w; MIL type RC20GF101J (For authorized allowances see Group 3)			7					R251, R253 R254, R256 R258, R259 R4208
P F	5905-279-1756		RESISTOR, FIXED, COMPOSITION: 150 ohm $\pm 10\%$ ; 1/2w; MIL type RC20GF151K (For authorized allowances see Group 3)			3					R204, R403, R4502

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A   B   C   D			OA-2180/FRT-51 (continued)								
P F	5905-256-0409		RESISTOR, FIXED, COMPOSITION: 220 ohm $\pm 10\%$ ; 1/2w; MIL type RC20GF221K (For authorized allowances see Group 3)			2					R4509, R4510
P F	5905-171-2006		RESISTOR, FIXED, COMPOSITION: 270 ohm $\pm 5\%$ ; 1/2w; MIL type RC20GF271J (For authorized allowances see Group 3)			1					R4203
P F	5905-615-7733		RESISTOR, FIXED FILM: 301 ohm $\pm 1\%$ ; 1/4w; MIL type RN65B301OF Item Nos: R263, R4011, R4013, R4016, R4018			5	3.4	1.1	20.0		See desc column
P F	5905-615-7731		RESISTOR, FIXED FILM: 432 ohm $\pm 1\%$ ; 1/4w; MIL type RN65V432OF			2	1.9	0.6	8.0		R4012, R4017
P F	5905-192-3973		RESISTOR, FIXED, COMPOSITION: 470 ohm $\pm 5\%$ ; 1/2w; MIL type RC20GF471J (For authorized allowances see Group 3)			2					R414, R415
P F	5905-577-6765		RESISTOR, FIXED FILM: 511 ohm $\pm 1\%$ ; 1/4w; MIL type RN65B511OF			2	1.9	0.6	8.0		R126, R217
P F	5905-615-7728		RESISTOR, FIXED, FILM: 562 ohm $\pm 1\%$ ; 1/4w; MIL type RN65B562OF			1	1.3	0.4	4.0		R218
P F	5905-683-1715		RESISTOR, FIXED FILM: 600 ohm $\pm 1\%$ ; 1/4w; MIL type RN65B604OF Item Nos: R4002, R4003, R4005, R4006, R4009, R4010			6	4.0	1.4	24.0		See desc column
P F	5905-615-7724		RESISTOR, FIXED FILM: 675 ohm $\pm 1\%$ ; 1/4w; IRC type MDB			4	2.6	0.8	16.0		R224, R225 R228, R229
P F	5905-615-7723		RESISTOR, FIXED FILM: 768 ohm $\pm 5\%$ ; 1/4w; MIL type RN65B758OF			2	1.9	0.6	8.0		R223, R227
P F	5905-577-7372		RESISTOR, FIXED FILM: 825 ohm $\pm 1\%$ ; 1/4w; MIL type RN65B825OF			4	2.6	0.8	16.0		R233, R234 R243, R244
P F	5905-195-6806		RESISTOR, FIXED, COMPOSITION: 100 ohm $\pm 5\%$ ; 1/2w; MIL type RC20GF102J (For authorized allowances see Group 3) Item Nos: R405, R411, R4512, R4514, R3515			5					See desc column

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D			OA-2180/FRT-51 (continued)								R201, R210
P F	5905-279-1722		RESISTOR, FIXED, COMPOSITION: 1000 ohm $\pm 10\%$ ; 1w; MIL type RC32GF102K (For authorized allowances see Group 3)			2					
P F	5905-615-7719		RESISTOR, FIXED FILM: 1300 ohm $\pm 1\%$ ; 1/4w; MIL type RN65B1301F Item Nos: R4020, R4021, R4025, R4026			4	2.6	0.8	16.0		See desc column
P F	5905-195-6743		RESISTOR, FIXED, COMPOSITION: 2700 ohm $\pm 10\%$ ; 2w; MIL type RC42GF272K			2	1.9	0.6	8.0		R255, R260
P F	5905-615-7732		RESISTOR, FIXED FILM: 3570 ohm $\pm 1\%$ ; 1/4w; MIL type RN65B3571F			2	1.9	0.6	8.0		R4007, R4008
P F	5905-577-7370		RESISTOR, FIXED, FILM: 3920 ohm $\pm 1\%$ ; 1/4w; MIL type RN65B3921F			2	1.9	0.6	8.0		R4022, R4024
P F	5905-195-6451		RESISTOR, FIXED, COMPOSITION: 4700 ohm $\pm 10\%$ ; 1/2w MIL type RC20GF472K (For authorized allowances see Group 3)			1					R262
P F	5905-299-2037		RESISTOR, FIXED, COMPOSITION: 4700 ohm $\pm 10\%$ ; 12w; MIL type RC32GF472K (For authorized allowances see Group 3) Item Nos: R206, R407, R413, R4204, R4504			5					See desc column
P F	5905-615-7729		RESISTOR, FIXED FILM: 5110 ohm $\pm 1\%$ ; 1/4w MIL type RN65B5111F (For authorized allowances see Group 3)			2					R4023 R4027
P F	5905-615-7715		RESISTOR, FIXED FILM: 5620 ohm $\pm 1\%$ ; 1/4w; IRC type MDB			1	1.3	0.4	4.0		R4506
P F	5905-615-7714		RESISTOR, FIXED FILM: 6810 ohm $\pm 1\%$ ; 1/4w; IRC type MDB (For authorized allowances see Group 3)			1					R4205
P F	5905-615-7713		RESISTOR, FIXED FILM: 8250 ohms $\pm 1\%$ ; 1/4w; IRC MDB			1	1.3	0.4	4.0		R4206
P F	5905-185-8518		RESISTOR, FIXED, COMPOSITION: 10,000 ohm $\pm 19\%$ ; 1/2w; MIL type RC20GF103K (For authorized allowances see Group 3)			5					R209, R402 R404, R408 R417

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A   B   C   D			OA-2180/FRT-51 (continued)								
P F	5905-190-8884		RESISTOR, FIXED, COMPOSITION: 12000 ±10%; 1/2w; MIL type RC20GF123K			1	1.3	0.4	4.0		R406
P F	5905-615-7710		RESISTOR, FIXED, FILM: 13,500 ohm ±1%; 1/4w; IRC type MDB			2	1.9	0.6	8.0		R226, R230
P F	5905-249-4227		RESISTOR, FIXED, COMPOSITION: 18000 ohm ±10%; 2w; MIL type RC42GF183K			2	1.9	0.6	8.0		R4517, R4518
P F	5905-249-4233		RESISTOR, FIXED, COMPOSITION: 2200 ohm ±10%; 2w MIL type RC42GF223K (For authorized allowances see Group 3)			1					R4207
P F	5905-279-3499		RESISTOR, FIXED, COMPOSITION: 27000 ohm ±5%; 1/2w MIL type RC20GF273J (For authorized allowances see Group 3)			1					R4201
P F	5905-102-2740		RESISTOR, FIXED, COMPOSITION: 33000 ohm ±5%; 1w; MIL type RC32GF333J			1	1.3	0.4	4.0		R4503
P F	5905-295-3410		RESISTOR, FIXED, COMPOSITION: 47000 ±10%; 1/2w; MIL type RC20GF473K (For authorized allowances see Group 3)			1					R208
P F	5905-299-2014		RESISTOR, FIXED, COMPOSITION: 47000 ohm ±10%; 1w; MIL type RC32GF473K (For authorized allowances see Group 3)			1					R205
P F	5905-190-8873		RESISTOR, FIXED, COMPOSITION: 47000 ohm ±10%; 2w; MIL type RC42GF473K (For authorized allowances see Group 3)			1					R419
P F	5905-556-3058		RESISTOR, FIXED FILM: 75000 ohm ±1%; 1/4w; IRC type MDB			1	1.3	0.4	4.0		R4516
P F	5905-195-6761		RESISTOR, FIXED, COMPOSITION: 100,000 ohm ±5%; 1/2w MIL type RC20GF104J (For authorized allowances see Group 3)			4					R401, R409 R4202, R4507



SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A   B   C   D			OA-2180/FRT-51 (continued)								
P F	5905-171-1978		RESISTOR, FIXED, COMPOSITION: 100,000 ohm $\pm 10\%$ ; 2w; MIL type RC42GF104K			1	1.3	0.4	4.0		R207
P F	5905-295-3409		RESISTOR, FIXED, COMPOSITION: 220,000 ohm $\pm 10\%$ ; 1/2w; MIL type RC20GF224K (For authorized allowances see Group 3)			3					R4101, R4104, R4501
P F	5905-279-2515		RESISTOR, FIXED, COMPOSITION: 470,000 $\pm 5\%$ ; 1/2w; MIL type RC20GF474J (For authorized allowances see Group 3)			3					R203, R261, R416
P F	5905-192-3982		RESISTOR, FIXED, COMPOSITION: 1 meg $\pm 10\%$ ; 1/2w; MIL type RC20GF105K (For authorized allowances see Group 3)			2					R4102, R4103
P F	5905-615-8093		RESISTOR, VARIABLE: WW: 100 ohm $\pm 10\%$ ; 0.4w; Bourns Lab type 230 R235, R238 R245, R248			4	2.6	0.8	16.0		See desc column
P F	5905-856-1697		RESISTOR, VARIABLE: comp; 600 ohm $\pm 20\%$ ; 2w; Collins part/dwg 383-0014-00			2	1.9	0.6	8.0		R4001, R4004
P F	5905-615-8059		RESISTOR, VARIABLE: 1000 ohm $\pm 20\%$ ; 1/2w; CTS type C5			2	1.9	0.6	8.0		R264, R265
P F	5905-542-7682		RESISTOR, VARIABLE: 2000 ohm $\pm 10\%$ ; 0.8w; Bourns Lab type 233 (For authorized allowances see Group 3)			2					R420, R422
P F	5905-295-3483		RESISTOR, VARIABLE: comp; 10000 ohm $\pm 20\%$ ; 1w; Collins part/dwg 380-5264-00			1	1.3	0.4	4.0		R4511
P F	5905-615-8060		RESISTOR, VARIABLE: 2500 ohm $\pm 20\%$ ; 1/2w; CTS type 65			2	1.9	0.6	8.0		R202, R220
P F	5905-615-8061		RESISTOR, VARIABLE: comp; 25000 ohm $\pm 20\%$ ; 1/2w; CTS type 65			1	1.3	0.4	4.0		R4508
P F	5905-665-5278		RESISTOR, VARIABLE: comp; 1 meg $\pm 20\%$ ; 1w; CTS type 90			1	1.3	0.4	4.0		R4505
P F	5905-655-1221		RESISTOR, VARIABLE: LINEAR PRECISION: 20000 ohm $\pm 5\%$ ; 4w; Servtrol type RVC2			1	1.3	0.4	4.0		R4513

Amy-Ft. Monmouth, NJ-MON 1950-64

63

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A   B   C   D			OA-2180/FRT-51 (continued)								
P F	5340-537-9208		RING, RETAINING: 0.145 in id x 0.025 in thk; Waldes Koh-I-Noor part TRUARC5133-18			2	1.5	0.5	8.0		H4523
P F	5340-876-2394		RING, RETAINING: 0.309 in id x 0.025 in thk; Waldes Koh-I-Noor part 5100-34C			1	1.0	0.3	4.0		H4522
P F	5340-281-3634		RING, RETAINING: 0.930 in id x 0.036 in thk; Ramsey Corp part RS-98C			1	1.0	0.3	4.0		H4524
P F	5960-842-3525		SEMICONDUCTOR DEVICE, DIODE MIL type LN198 (For authorized allowances see Group 3) Item Nos: CR201 thru CR204 CR401, CR4501			6					See desc column
P F	5960-615-5896		SEMICONDUCTOR DEVICE, DIODE: Hughes Aircraft part MP-3612 (For authorized allowances see Group 3) Item Nos: CR205A, CR205B, CR206A, CR206B, CR207A, CR207B, CR208A, CR208B			8					See desc column
P O	5960-564-4772		SHIELD ELECTRON TUBE: accom 6AU6 tube; Collins part/dwg 5416551-003 (For authorized allowances see Group 3)			5					E201, E401 E402, E E4201, E4501 E202, E203 E4101, E4502
P O	5960-564-4755		SHIELD ELECTRON TUBE: accom 12AU7 tube; Collins part/dwg 541-6554-003 (For-authorized allowances see Group 3)			4					
P O	5960-613-1757		SHIELD ELECTRON TUBE: 2-5/16 in lg x 13/32 in w x 0.005 in thk; Collins part/dwg 541-6532-003 (For authorized allowances see Group 3)			5					E216, E421 E422, E4205, E4520
P O	5935-651-2698		SHIELD, ELECTRON TUBE, SOCKET: 2-25/32 in lg x 13/32 in w x 0.005 in thk; Collins part/dwg 5416532-003 (For authorized allowances see Group 3)			4					E213, E214 E4106 E4521

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D			OA-2180/FRT-51 (continued)								
P F	5935-655-1246		SOCKET ELECTRON TUBE: 1-13/32 in lg x 15/16 in w c 11/32 in h; Elco Mfg part BR423PHSPTD (Authorized allowances based on a total of 3)			2	1.5	0.5	8.0		XK4001 XK4502
P F	5935-260-0517		SOCKET ELECTRON TUBE: MIL type TS101P01 (Authorized allowances based on a total of 5)			1	2.6	0.8	15.0		XK4501
P F	5935-260-0516		SOCKET ELECTRON TUBE: JAN type TS102P01 (For authorized allowances see Group 3) Item Nos: XV201, XV401, XV4201, XV4501			5					See desc column
P F	5935-160-1365		SOCKET ELECTRON TUBE: JAN type TS103P01 (For authorized allowances see Group 3)			4					XV202, XV203, XV4101, XV4501
P F	5820-664-2197		SPRING, HELICAL, EXTENSION: 8-1/2 coils; 0.340 in lg x 0.094 in id; Collins part/dwg 506-1937-002			2	1.5	0.5	8.0		04505, 04506
P F	5930-655-1248		SWITCH, LEVER: 3PDT; Grigsby Allison type 6MLW			4	2.3	0.7	12.0		S4001 thru S4004
P F	5930-615-9376		SWITCH TOGGLE: dpdt; JAN type ST52P			1	1.0	0.3	4.0		S4501
P F	5930-577-2372		SWITCH TOGGLE: spdt; Sig dwg SM-C-209256-1 (For authorized allowances see Group 3)			1					S401
P F	6680-652-9956		TACHOMETER: 2 pole, 2 ph induction type; Lollisman Instrument part 15IN-0102			1	1.0	0.3	4.0		B4502
P F	5950-655-0259		TRANSFORMER, AUDIO FREQUENCY: 600 ohm, pri impedance, 87 ohm ct sec'd impedance; Freed Transf part 26842			2	1.5	0.5	8.0		T205, T208
P F	5950-543-9691		TRANSFORMER, INTERMEDIATE FREQUENCY: 94 to 106 kc freq; Freed Transf part 25881			2	1.5	0.5	8.0		T203, T204
P F	5950-655-0555		TRANSFORMER POWER STEP-DOWN: pri, 115 v, 50 to 60 cyc, 1 ph; sec'd tapped 6.3v, 3 amp, 6.3v, 3 amp; Audio Dev part #8347			1	1.5	0.5	8.0		T4001

Army-Ft. Monmouth, NJ-JAN 1950-64

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A	B	C	D								
P	P		5950-652-5584								
			OA-2180/FRT-51 (continued)								
			TRANSFORMER, PULSE: pri 20,000 ohm at 100 kc impedance; sec'd 100 ohm at 100 kc impedance; Freed Transf part 26841			2	1.5	0.5	8.0		T206, T209
P	P		5950-652-5585								
			TRANSFORMER, SPECIAL: 4 pri wd; one C. T. sec'd wd; Freed Transf part 26840			2	1.5	0.5	8.0		T207, T210
P	P		5820-578-1853								
			TUNING UNIT, RADIO FREQUENCY: 100 kc; Collins part/dwg 544-1225-004			1	1.0	0.3	4.0		Z201
P	P		5820-615-5917								
			TUNING UNIT, RADIO FREQUENCY: 100 kc, Collins part/dwg 543-8755-004			1	1.0	0.3	4.0		Z4101
P	P		5820-615-5906								
			TUNING UNIT, RADIO FREQUENCY: 200 kc, Collins part/dwg 543-8756-004			1	1.0	0.3	4.0		Z4102
P	P		5820-615-5916								
			TUNING UNIT, RADIO FREQUENCY: 300 kc, Collins part/dwg 544-1233-004			1	1.0	0.3	4.0		Z401
P	P		5820-615-5908								
			TUNING UNIT, RADIO FREQUENCY: 300 kc; Collins part/dwg 544-1234-00			1	1.0	0.3	4.0		Z402
P	P		5820-615-5909								
			TUNING UNIT, RADIO FREQUENCY: 300 kc; Collins part/dwg 544-1235-004			1	1.0	0.3	4.0		Z403
P	P		5820-615-5915								
			TUNING UNIT, RADIO FREQUENCY: 400 kc; Collins part/dwg 543-8757-004			1	1.0	0.3	4.0		Z4103
P	P		5820-615-5914								
			TUNING UNIT, RADIO FREQUENCY: 400 kc; Collins part/dwg 543-8758-004			1	1.0	0.3	4.0		Z4104
			GROUP 5 COOLER, AIR, ELECTRONIC EQUIPMENT HD-581/FRT-51								
P	P		5340-543-3931								
			CLAMP, LOOP cable; nylon Burndy part HP-3N (For authorized allowances see Group 3)			3					H2616
P	P		5935-655-1210								
			CONNECTOR, PLUG, ELECTRICAL: 8 male contacts; 0/a dim; 1-19/32 in lg x 1-7/16 in w x 1-1/4 in h; straight shape; American Phenolic Corp part No. 26-4503-8P			1	1.0	0.3	4.0		F3801



SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A   B   C   D			OA-2180/FRT-51 (continued)								
P F	5935-644-6595		CONNECTOR, RECEPTACLE, ELECTRICAL: 2 female contacts; Harvey Hubbell part No. 7255			1	1.0	0.3	4.0		J2601
P O	4130-024-0034		FILTER, AIR CONDITIONING: permanent type; 200 cfm capacity; 9-7/8 in w x 9-7/8 in h x 1-7/8 in thk o/a; Air-Maze Corp type Kleenflo			1	1.7	0.5	5.0		A2601
F	4140-056-7972		IMPELLER, FAN, CENTRIFUGAL: paddle type 64 paddles; Designed for ccw rotation; Rotron part 3320-03			1	1.0	0.3	4.0		
P F	6105-959-2081		MOTOR, ALTERNATING CURRENT: 115v, 50 to 60 cyc 1 phase; 3300 rpm rotor speed at full load; Rotron part 3320-01			1	1.0	0.3	4.0		B2601A
P F	5910-543-9583		GROUP 6 INTERCONNECTING BOX J-2123/FRT-51			3					C3802, C3803, C3804
P F	5910-543-9567		CAPACITOR, FIXED, PAPER DIELECTRIC: 10,000 uuf $\pm 20\%$ ; 400 vdcw; Sprague part P38645 (For authorized allowances see Group 3)			1	1.0	0.3	4.0		C3801
P F	5925-615-8064		CAPACITOR, FIXED, PAPER DIELECTRIC: 2.5 uf $\pm 11\%$ ; 390 vac; Sprague type PX16			1	1.0	0.3	4.0		S3801
P F	5950-301-4510		CIRCUIT BREAKER: 3 pole; 120 to 250 vac; 400 cps, 15 amp; Heineken type 3363S			6	2.6	0.8	18.0		L3801 thru L3806
P F	5935-642-3122		COIL, RADIO FREQUENCY: 1 wnd; 100 uh inductance; Jeffers Electronics part 10404-34			3					J8605, J8607, J9202
P F	5935-549-2846		CONNECTOR, RECEPTACLE, ELECTRICAL: 1 male cont; IFC part 45925 (For authorized allowances see Group 3)			2	1.0	0.3	4.0		J3808, J3828
P F	5935-258-6267		CONNECTOR, RECEPTACLE, ELECTRICAL: 2 female cont; Hubbell part 1320,1354			1	1.0	0.3	4.0		J3819

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A   B   C   D											
P F	5935-149-5438		OA-2180/FRT-51 (continued) CONNECTOR, RECEPTACLE, ELECTRICAL: 4 male cont; Hubbell part 7408 (Authorized allowances based on a total of 2)			1	1.0	0.3	4.0		J3820
P F	5935-204-5833		CONNECTOR, RECEPTACLE, ELECTRICAL: 8 female cont; Amphenol part 26-4401-8S (For authorized allowances see Group 3)			1					J3824
P F	5935-655-1216		CONNECTOR, RECEPTACLE, ELECTRICAL: 8 female cont; Amphenol part 26-4403-8S			1	1.0	0.3	4.0		J3801
P F	5935-665-8315		CONNECTOR, RECEPTACLE, ELECTRICAL: 8 female cont; Amphenol part 26-4402-8S			1	1.0	0.3	4.0		J3806
P F	5935-204-7705		CONNECTOR, RECEPTACLE, ELECTRICAL: 16 female cont Amphenol part 26-4401-16S (Authorized allowances based on a total of 2)			1	1.0	0.3	4.0		J3802
P F	5935-504-3161		CONNECTOR, RECEPTACLE, ELECTRICAL: 16 female cont; Amphenol part 26-4402-16S			1	1.0	0.3	4.0		J3807
P F	5935-729-8618		CONNECTOR, RECEPTACLE, ELECTRICAL: 24 female cont; Amphenol part 26-4401-24S (For authorized allowances see Group 3)			1					J3805
P F	5935-539-0232		CONNECTOR, RECEPTACLE, ELECTRICAL: 32 female cont; Amphenol part 26-4403-32S			1	1.0	0.3	4.0		J3803
P F	5935-518-7421		CONNECTOR, RECEPTACLE, ELECTRICAL: 32 female cont; Amphenol part 26-4405-32S			1	1.0	0.3	4.0		J3804
P F	5935-204-6061		CONNECTOR, RECEPTACLE, ELECTRICAL: 32 female cont; Amphenol part 26-4401-32S (For authorized allowances see Group 4)			1					J3821
P F	5935-518-7415		CONNECTOR, RECEPTACLE, ELECTRICAL: 32 female cont; Amphenol part 26-4402-32S			2	1.5	0.5	8.0		J3822, J3823

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A   B   C   D			OA-2180/FRT-51 (continued)								
P F	5945-615-7742		RELAY ARMATURE: cont arrangement 4c; RBM Mfg part GX6490			1	1.0	0.3	4.0		K3801
P F	5905-615-8054		RESISTOR, FIXED, WIRE WOUND: 400 ohm ±5%; 24w; Sage Electronic Corp type 'Silicohm M'			1	1.3	0.4	4.0		R3802
P F	5905-655-1273		RESISTOR, FIXED, WIRE WOUND: 1000 ohm ±5%; 25w; Dale Prod type RH-25 (Authorized allowances based on a total of 2)			1	1.9	0.6	8.0		R3801
P F	5305-141-4333		SCREW, MACHINE: 5-40 thd NC-2A; 5/16 in lg; Collins part/dwg 343-0009-00			13	4.5	1.6	39.0		H3824
P F	5935-655-1246		SOCKET ELECTRON TUBE: 11/32 in h x 15/16 in w x 1-13/32 in lg Elco Mfg part BR423PHSPTD (For authorized allowances see Group 4)			1					XK3801
			GROUP 7 MAINTENANCE KIT, ELECTRONIC EQUIPMENT MK686/FRT-51								
P O	5935-201-8420		ADAPTER, CONNECTOR: MIL type UG-635/U			3	1.9	0.6	12.0		E2609, E2610, E2611
P O	5935-655-1243		ADAPTER, CONNECTOR: 1 female cont and 2 male cont; IPC part 47425			2	1.5	0.5	8.0		E2612, E2613
P O	5120-585-8513		ALIGNMENT TOOL, ELECTRONIC EQUIPMENT: wrench type; 2 working ends; Collins part/dwg 505-2119-001			1	1.0	0.3	4.0		H2602
P F	5306-655-9491		BOLT, EYE: carbon steel; 1/2-13 thd MC-2, 1-1/2 in lg; 3-1/8 in lg o/a; Collins part/dwg 544-2183-002			4	2.3	0.7	12.0		H2635
P F	5306-655-9516		BOLT, MACHINE: steel; 5/8-11 thd NE2; 8 in lg Collins part/dwg 544-2185-002			4	2.3	0.7	12.0		H2636
P F	6145-542-6092		CABLE, RADIO FREQUENCY: coax; 50 ohm; ft MIL type 58C/U (Authorized allowances will be minimum or or a multiple of 235			235	28.3	13.0			W2613A, W2614A, W2621A





SOURCE CODE	FEDERAL STOCK NUMBER				DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
	A	B	C	D									FIGURE NO.	ITEM NO.
P F						OA-2180/PRT-51 (continued)	ft		7	3.4	1.1	70.0		W2607A, W2608A W2609A
						CABLE, RADIO FREQUENCY: coax; 75 ohm; MIL type RG-187/U (Authorized allowances will be a minimum of or a multiple of 3 ft)								
P F						CLIP, SPRING TENSION: 1 in lg x 1/2 in w x .015 in thk; Collins part/dwg 549-5431-002.			1	1.0	0.3	4.0		
P F						CONNECTOR, PLUG, ELECTRICAL: 1 female cont; Automatic Metal Prod part RG-0701-35 (For authorized allowan- ces see GROUP 3)			3					P2613 P2615 P2617
P F						CONNECTOR, PLUG, ELECTRICAL: 1 female cont; IPC part 45900 (For author- ized allowances see GROUP 3)			2					P2609 P2611
P F						CONNECTOR, PLUG, ELECTRICAL: 1 female cont; IPC part 61075			1	1.0	0.3	4.0		P2645
P F						CONNECTOR, PLUG, ELECTRICAL: 1 male cont; MIL type UG-88C/U Item Nos. P2643, P2644, P2646, P2653, P2654			5	2.6	0.8	15.0		See desc column
P F						CONNECTOR, PLUG, ELECTRICAL: 4 male cont; Winchester Electronic part M4P-L3 (For authorized allowances see GROUP 3)			1					P2619
P F						CONNECTOR, PLUG, ELECTRICAL: 4 male cont; H. Hubbell part 7426 (For authorized allowances see GROUP 1)			1					P2651
P F						CONNECTOR, PLUG, ELECTRICAL: 8 male cont; Amphenol 26-4501-8P (For authorized allowances see Group 3)			1					P2650
P F						CONNECTOR, PLUG, ELECTRICAL: 32 male cont; Amphenol part 26-4502-32P			1	1.0	0.3	4.0		P2649
P F						CONNECTOR, RECEPTACLE, ELECTRICAL: 1 male cont; Automatic Metal Prod part RF-0704M-35 (For authorized allowances see Group 3)			3					P2614 P2616 P2618

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A   B   C   D			OA-2180/FRT-51 (continued)								
P F	5935-636-8450		CONNECTOR, RECEPTACLE, ELECTRICAL: 1 male cont; IPC part 46275 (For authorized allowances see Group 3)			2					P2610 P2612
P F	5935-257-7060		CONNECTOR, RECEPTACLE, ELECTRICAL: 4 male cont; Winchester Electronics part M4S-LRN (For authorized allowances see Group 3)			1					P2620
P F	5935-259-2039		CONNECTOR, RECEPTACLE, ELECTRICAL: 7 female cont; Amphenol type 26 (For authorized allowances see Group 3)			2					P2606 P2608
P F	5935-636-5913		CONNECTOR, RECEPTACLE, ELECTRICAL: 7 male cont; Amphenol type 26 (For authorized allowances see Group 3)			2					P2605 P2607
P F	5935-257-8683		CONNECTOR, RECEPTACLE, ELECTRICAL: 9 female cont; Amphenol 126-013 (For authorized allowances see Group 3)			2					P2602 P2604
P F	5935-201-2449		CONNECTOR, RECEPTACLE, ELECTRICAL: 9 male cont; Amphenol type 26 (For authorized allowances see Group 3)			2					P2604 P2603
P F	5935-227-8997		CONNECTOR, RECEPTACLE, ELECTRICAL: 18 female cont; Winchester Electronic part MRE-18P-G (For authorized allowances see Group 3)			2					P2622 P2624
P F	5935-283-7098		CONNECTOR, RECEPTACLE, ELECTRICAL: 18 male cont; Winchester Electronics part MRE-18P-G (For authorized allowances see Group 3)			2					P2621 P2623
P O	5995-655-2152		CORD ASSEMBLY, ELECTRICAL: 2 cond; 17-5/8 in lg o/a; Audio Dev part PJ-11			2	1.5	0.5	6.0		W2615 W2616
P O	5995-283-8457		CORD ASSEMBLY, ELECTRICAL: 2 cond; 29-5/8 in lg o/a; Audio Dev part PJ-12			2	1.5	0.5	6.0		W2617 W2618
P O	5995-577-8130		CORD ASSEMBLY, ELECTRICAL: 2 cond; 41-5/8 in lg o/a; Audio Dev PJ-13			2	1.5	0.5	6.0		W2619 W2620

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A   B   C   D			OA-2180/FRT-51 (continued)								
P F	5905-195-6806		RESISTOR, FIXED, COMPOSITION: 1000 ohm $\pm 10\%$ ; 1/2w; MIL type RC20GF102K (p/o swamping tool Z2604) (For authorized allowances see GROUP 3)			1					R2602
P F	5905-195-6451		RESISTOR, FIXED, COMPOSITION: 4700 ohm $\pm 10\%$ ; 1/2w; MIL type RC20GF472K (p/o Swamping Tool Z2604) (For authorized allowances see Group 3)			1					R2601
P O	5120-050-8924		SCREWDRIIVER, OFFSET: flat tip 90 deg angle; 3 in lg; Collins part/dwg 549-5432-002			1	1.0	0.3	4.0		
P O	5120-646-7607		WRENCH, SOCKET: 3/16 in od x 4-1/2 in lg o/a; 1 working end w/oval socket; Collins part/dwg 505-6860-002			1	1.0	0.3	4.0		H2614
P O	5120-224-2482		WRENCH, SOCKET HEAD SCREW: splined type; 6 flutes; 1 type handle; 1.666 in nom arm lg; Collins part/dwg 024-9710-00			1	1.0 q	0.3	4.0		H2608
P O	5120-585-8512		WRENCH, SOCKET HEAD SCREW: splined type; 6 flutes; T type handle; Collins part/dwg 544-2190-002			1	1.0	0.3	4.0		H2613
P O	5120-585-8509		WRENCH, SPANNER: tubular type; Collins part/dwg 544-2213-002 GROUP 8			1	1.0	0.3	4.0		H2609
			OSCILLATOR-DIVIDER FREQUENCY O-1044/FRT-51								
P F	6625-585-5491		AMMETER: panel type; dc; miro amp; 0-10 left to right; 50 scale div; Collins part/dwg 458-0449-00			1	1.0	0.3	4.0		M701
P F	5910-197-1483		CAPACITOR, FIXED, CERAMIC DIELECTRIC: 6 uuf $\pm 1/4$ uuf; 500 dcw; MIL type CC20CH060C (For authorized allow- ances see GROUP 3)			1					C532
P F	5910-552-0259		CAPACITOR, FIXED, MICA DIELECTRIC: 15 uuf $\pm 5\%$ ; 500 vdw; Electro Motive part VCM15C150J			1	1.0	0.3	4.0		C617

SELMS 003 TF  
1 Jun 83

OA-2180/FRT-51

73

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
									FIGURE NO.	ITEM NO.
P F	5910-280-5132		OA-2180/FRT-51 (continued) CAPACITOR, FIXED, CERAMIC DIELECTRIC: 15 uuf ±5%; 500 dcw; MIL type CC30CH150J		1	1.0	0.3	4.0		C518
P F	5910-264-9420		CAPACITOR, FIXED, MICA DIELECTRIC: 22 uuf ±5%; 500 vdow; Electro Motive part VCM15C220J (For authorized allowances see Group 3)		1					C904
P F	5910-666-7886		CAPACITOR, FIXED, MICA DIELECTRIC: 47 uuf ±2%; 500 vdow; Electro Motive part VCM15E470Q (For authorized allowances see Group 3)		1					C912
P F	5910-644-6399		CAPACITOR, FIXED, MICA DIELECTRIC: 100 uuf ±2%; 500 vdow; Electro Motive part VCM15E101Q (For author- ized allowances see Group 3)		1					C913
P F	5910-101-5616		CAPACITOR, FIXED, MICA DIELECTRIC: 100 uuf ±5%; 500 vdow; MIL type CM20C101J OR CM20C101J		1	1.0	0.3	4.0		C635
P F	5910-101-5580		CAPACITOR, FIXED, MICA DIELECTRIC: 180 uuf ±5%; 500 vdow; MIL type CM20C181J OR CM20C181J		1	1.0	0.3	4.0		C635
P F	5910-191-9640		CAPACITOR, FIXED, MICA DIELECTRIC: 220 uuf ±5%; MIL type CM20D221J OR CM20D221J		1	1.0	0.3	4.0		C635
P F	5910-160-1158		CAPACITOR, FIXED, MICA DIELECTRIC: 330 uuf ±5%; 500 vdow; MIL type CM20D331J OR CM20D331J		1	1.0	0.3	4.0		C635
P F	5910-101-4909		CAPACITOR, FIXED, MICA DIELECTRIC: 390 uuf ±5%; 500vdow; MIL type CM20D391J OR CM20D391J		1	1.0	0.3	4.0		C635
P F	5910-101-4890		CAPACITOR, FIXED, MICA DIELECTRIC: 470 uuf ±5%; 500vdow; MIL type CM20D471J OR CM20D471J		1	1.0	0.2	4.0		C635



SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEFOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D			OA-2180/FRT-51 (continued)								
P F	5910-648-8048		OR CAPACITOR, FIXED, MICA DIELECTRIC: 560 uuf $\pm 5\%$ ; 50vdcw; MIL type CM30E561J			1	1.0	0.3	4.0		C635
P F	5910-191-9364		OR CAPACITOR, FIXED, MICA DIELECTRIC: 600 uuf $\pm 5\%$ ; 500 vdcw; MIL type CM30E681J			1	1.0	0.3	4.0		C635
P F	5910-666-8858		OR CAPACITOR, FIXED, MICA DIELECTRIC: 820 uuf $\pm 5\%$ ; 500 vdcw; MIL type CM30E821J			1	1.0	0.3	4.0		C635
P F	5910-101-4014		OR CAPACITOR, FIXED, MICA DIELECTRIC: 1000 uuf $\pm 5\%$ ; 500 vdcw; MIL type CM30E102J			1	1.0	0.3	4.0		C635
P F	5910-190-6202		OR CAPACITOR, FIXED, MICA DIELECTRIC: 1100 uuf $\pm 5\%$ ; 500 vdcw; MIL type CM30E112J			1	1.0	0.3	4.0		C635
P F	5910-665-0170		OR CAPACITOR, FIXED, MICA DIELECTRIC: 1200 uuf $\pm 5\%$ ; 500 vdcw; MIL type CM30E122J			1	1.0	0.3	4.0		C635
P F	5910-823-0426		OR CAPACITOR, FIXED, MICA DIELECTRIC: 1300 uuf $\pm 5\%$ ; 500 vdcw; MIL type CM30E132JP3			1	1.0	0.3	4.0		C635
P F	5910-644-6169		OR CAPACITOR, FIXED, MICA DIELECTRIC: 1500 uuf $\pm 5\%$ ; 500 vdcw; MIL type CM30E152J			1	1.0	0.3	4.0		C635
P F	5910-183-9629		OR CAPACITOR, FIXED, MICA DIELECTRIC: 1600 uuf $\pm 5\%$ ; 500 vdcw; MIL type CM30E162J			1	1.0	0.3	4.0		C635

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D			OA-2180/FRT-51 (continued)								
			OR								
P F	5910-190-6113		CAPACITOR, FIXED, MICA DIELECTRIC: 1800 uuf ±5%; 500 vdcw; MIL type CM30E182J			1	1.0	0.3	4.0		C635
			OR								
P F	5910-101-5783		CAPACITOR, FIXED, MICA DIELECTRIC: 2000 uuf ±5%; 500 vdcw; MIL type CM30E202J			1	1.0	0.3	4.0		C635
			OR								
P F	5910-190-8060		CAPACITOR, FIXED, MICA DIELECTRIC: 2200 uuf ±5%; 500 vdcw; MIL type CM30E222J			1	1.0	0.3	4.0		C635
			OR								
P F	5910-190-7589		CAPACITOR, FIXED, MICA DIELECTRIC: 2400 uuf ±5%; 500 vdcw; MIL type CM30E242J			1	1.0	0.3	4.0		C635
			OR								
P F	5910-101-5796		CAPACITOR, FIXED, MICA DIELECTRIC: 2700 uuf ±5%; 500 vdcw; MIL type CM30E272J			1	1.0	0.3	4.0		C635
			OR								
P F	5910-951-8613		CAPACITOR, FIXED, MICA DIELECTRIC: 3000 uuf ±5%; 500 vdcw; MIL type CM 30F302JF3			1	1.0	0.3	4.0		C635
			OR								
P F	5910-184-0784		CAPACITOR, FIXED, MICA DIELECTRIC: 3300 uuf ±5%; MIL type CM30E332J			1	1.0	0.3	4.0		C635
			OR								
P F	5910-577-7958		CAPACITOR, FIXED, MICA DIELECTRIC: 200 uuf ±1%; 300 vdcw; Electro Motive type 605 (Special)			1	1.0	0.3	4.0		CL321
			OR								
P F	5910-655-0541		CAPACITOR, FIXED, MICA DIELECTRIC: 240 uuf ±1%; 300 vdcw; Electro Motive type 605 (Special)			2	1.0	0.3	4.0		C542 C4714
			OR								
P F	5910-256-5566		CAPACITOR, FIXED, MICA DIELECTRIC: 330 uuf ±2%; 500 vdcw; Electro - Motive part VCM15E331G			1	1.0	0.3	4.0		C906

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D			OA-2180/FRT-51 (continued)								
P F	5910-191-2639		CAPACITOR, FIXED, MICA DIELECTRIC: 470 uuf ±2%; 300 vdcw; Electro Motive part CM15E471G (For author- ized allowances see Group 3)			1					C902
P F	5910-280-9571		CAPACITOR, FIXED, MICA DIELECTRIC: 510 uuf ±2%; 300 vdcw; Electro Motive CM15E511G (For authorized allowances see Group 3) Item Nos. C501,C517,C608,C618,C631,C1307			6					See desc column
P F	5910-666-7156		CAPACITOR, FIXED, CERAMIC DIELECTRIC 1000 uuf ±10%; -20%; 500 vdcw; MIL type CK61Y102Z (For authorized allowances see GROUP 4)			1					C612
P F	5910-577-9014		CAPACITOR, FIXED, CERAMIC DIELECTRIC: 1500 uuf ±5%; 500 vdcw; Sprague type B20 modified			1	1.0	0.3	4.0		C607
P F	5910-543-9557		CAPACITOR, FIXED, MICA DIELECTRIC: 2000 uuf ±1%; 300 vdcw; Electro Motive part CM20E202F (For author- ized allowances see Group 3)			2					C504, C505
P F	5910-577-9039		CAPACITOR, FIXED, PAPER DIELECTRIC: 4700 uuf ±20%; 600 vdcw; Sprague 196P----S4			1	1.0	0.3	4.0		CL1312
P F	5910-280-7401		CAPACITOR, FIXED, CERAMIC DIELECTRIC: 10,000 uuf ±100% -20%; 500 vdcw MIL type CK63Y103Z (For authorized allowances see Group 3) Item Nos. C513,C601,C602,C609,C610,C611,C613, C614,C619,C620,C621,C623,C624,C640 C1320,C4701,C4709,C4710,C4712			19					
P F	5910-667-5190		CAPACITOR, FIXED, PAPER DIELECTRIC: 10,000 uuf ±20%; 300 vdcw; Sprague part 96P10303SL3 (For authorized allowances see GROUP 3)			3					C629, C633, C634
P F	5910-543-9581		CAPACITOR, FIXED, PAPER DIELECTRIC: 10,000 uuf ±20%; 600 vdcw; Sprague part 186P--T15			1	1.0	0.3	4.0		C603

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D			0A-2180/FRT-51 (continued)								
P F	5910-725-5285		CAPACITOR, FIXED, PAPER DIELECTRIC: 10,000 uuf ±20%; 600vdcw; Sprague type 103P (For authorized allowances see Group 3)			4					C638 C701 C702 C705
P F	5910-655-0156		CAPACITOR, FIXED, PAPER DIELECTRIC: 10,000 uuf ±20%; 600 vdcw; Sprague part #P85236			1	1.0	0.3	4.0		C627
P F	5910-543-9580		CAPACITOR, FIXED, PAPER DIELECTRIC: 22,000 uuf ±20%; 300vdcw; Sprague type 196P---S4			1	1.0	0.3	4.0		C538
P F	5910-543-9577		CAPACITOR, FIXED, PAPER DIELECTRIC: 47000 uuf ±20%; 100 vdcw; Sprague part P85249 (For authorized allow- ances see Group 3)			1					C523
P F	5910-543-9575		CAPACITOR, FIXED, PAPER DIELECTRIC: 68000 uuf ±20%; 115vdcw; Sprague type 103P (For authorized allow- ances see Group 3)			2					C703 C704
P F	5910-543-9574		CAPACITOR, FIXED, PAPER DIELECTRIC: 100,000 uuf ±20%; 100 vdcw; Sprague part P35848 (For authorized allowances see Group 3) Item Nos. C502, C507, C512, C521, C524 thru C527, C534, C539, C540, C901, C903, C911, C920, C921, C922, C1308, C1317, C1318, C1319			21					See desc column
P F	5910-667-4942		CAPACITOR, FIXED, PAPER DIELECTRIC: 100,000 uuf ±10%; 100vdcw; Sprague Part 96P10401S13			1	1.0	0.3	4.0		C641
P F	5910-552-0524		CAPACITOR, FIXED, PAPER DIELECTRIC: 100,000 uuf ±20%; 100 vdcw; Sprague part #96P10401S4 (For authorized allowances see Group 3)			2					C4715 C4717
P F	5910-543-9571		CAPACITOR, FIXED, PAPER DIELECTRIC: 100,000 uuf ±20%; 400 vdcw; Sprague type 185P---T15 (For authorized allowances see Group 3) Item Nos. C905, C910, C914, C917, C918, C4713			6					See desc column



SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D			OA-2180/FRT-51 (continued)								
P F	5910-577-9082		CAPACITOR, FIXED, PAPER DIELECTRIC: 100,000 uuf ±20%; 300 vdcw; Sprague part P71166			3	1.9	0.6	12.0		C615, C622, C630
P F	5910-543-9583		CAPACITOR, FIXED, PAPER DIELECTRIC: 100,000 uuf ±20%; 400 vdcw; Sprague part P38645 (For authorized allow- ances see Group 3) (Item Nos. C503, C506, C508, C509, C514, C522, C528, C529, C535, C626, C628, C632, C1311, C1313, C1315)			15					See desc column
P F	5910-281-0829		CAPACITOR, FIXED, PAPER DIELECTRIC: 220,000 uuf ±20%; 100 vdcw; Sprague type 103P (For authorized allowances see Group 3)			2					C636 C637
P F	5910-543-9578		CAPACITOR, FIXED, PAPER DIELECTRIC: 220,000 uuf ±20%; 100 vdcw; Sprague part P85252			2	1.5	0.5	8.0		C4705, C4706
P F	5910-655-0485		CAPACITOR, FIXED, PAPER DIELECTRIC: 220,000 uuf ±20%; 100 vdcw; Sprague part P35952 (For authorized allow- ances see Group 4)			2					C4718 C4719
P F	5910-644-6199		CAPACITOR, FIXED, PAPER DIELECTRIC: 220,000 uuf ±20%; 400 vdcw; Sprague part P22404			2	1.5	0.5	8.0		C4704 C4707
P F	5910-578-1247		CAPACITOR, FIXED, PAPER DIELECTRIC: 470,000 uuf ±20%; 400 vdcw; Sprague type 86P---T15 (For authorized allowances see Group 3)			2					C4702 C4703
P F	5910-543-9573		CAPACITOR, FIXED, PAPER DIELECTRIC: 1 uuf ±20%; 100 vdcw; Collins part/dwg 931-1856-00 (For author- ized allowances see Group 3)			2					C1309 C1317
P F	5910-543-9564		CAPACITOR, FIXED, PAPER DIELECTRIC: 1 uuf ±20%; 300 vdcw; Sprague part P38689 (For authorized allowances see Group 3)			4					C1310 C1314 C4708 C4716
P F	5910-577-9099		CAPACITOR, FIXED, PAPER DIELECTRIC: 1 uuf ±10%; 300 vdcw; Sprague part P71203			1	1.0	0.3	4.0		C639

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
									FIGURE NO.	ITEM NO.
A B I C D			OA-2180/FRT-51 (continued)							
P F	5910-543-9565		CAPACITOR, FIXED, PAPER DIELECTRIC: 3.5 uf ±20%; Collins part/dwg 931-1541-00 (For authorized allow- ances see Group 3)	1						C4711
P F	5910-543-9552		CAPACITOR, VARIABLE, CERAMIC DIELECTRIC: rotary type; 5 to 37.5 uf; 350 vdc; Eire type 557	1	1.0	0.3	4.0			C616
P F	5910-647-1162		CAPACITOR, VARIABLE, AIR DIELECTRIC: plate meshing type; 20 uf to 1100 uf; 700 vac peak v; General Radio type 1428-B (modified)	1	1.0	0.3	4.0			C604
P F	4010-171-9018		CHAIN ASSEMBLY, SINGLE LEG: 4-1/2 in lg Collins part/dwg 015-0380-00	2	1.5	0.5	6.0			0708 0709
P F	5340-285-7729		CLAMP, LOOP: nylon; Burndy Eng Co part HP-3N (For authorized allow- ances see Group 3)	1						H601
P F	5340-598-0383		CLAMP, LOOP: nylon; Burndy Eng part HP-4N (For authorized allowances see Group 3)	1						H602
P F	5340-285-7729		CLAMP, LOOP: nylon; Burndy Eng part HP-5N (For authorized allowances see Group 3)	1						H705
P F	5950-387-0489		COIL RADIO FREQUENCY: 112 turns per sect; 3 pies; 500 uh inductance; 100 ma current rating; National Coil part C-0047109 (For authorized allowances see Group 3)	1						L601
P F	5950-393-1467		COIL RADIO FREQUENCY: 139 turns ea sect; 4 pies; 2.0 mh inductance; 100 ma current rating; Electro Assemblies part 18-1117 (For auth- orized allowances see Group 3) Item Nos. L508, L511, L512, L513, L904, L1301, L1302, L4701	8						See desc column
P F	5950-646-4998		COIL RADIO FREQUENCY: 235 turns ea sect; 4 pies; 8.2 uh inductance; 110 amp; F.W. Sickles part 294-245 (For authorized allowances see Group 3)	2						L509 L510

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D			OA-2180/FRT-51 (continued)								
P F	5950-392-9243		COIL, RADIO FREQUENCY: 675 total no turns; 3 pies; 2.0 mh inductance; 35 ma current rating; Delevan Electronics part DM-0084 (For authorized allowances see Group 3)	1		1				L602	
P F	5935-655-1206		CONNECTOR, PLUG, ELECTRICAL: 1 female cont; Automatic Metal Products part RF-0701-35 (For authorized allowances see Group 3)	4						P501, P901, P1301, P4701	
P F	5935-204-6845		CONNECTOR, PLUG, ELECTRICAL: 16 male cont; Collins part/dwg 372-1269-00	1		1.0		0.3	4.0	P706	
P F	5935-655-1244		CONNECTOR, RECEPTACLE, ELECTRICAL: 1 female cont; Automatic Metal Products part 0700-35P (For authorized allowances see Group 3)	4						E507, E903, E1303, E4704	
P F	5935-655-1213		CONNECTOR, RECEPTACLE, ELECTRICAL: 1 male cont; Automatic Metal Products part RF-0704W-35 (For authorized allowances see Group 3)	1						J507	
P F	5935-642-3122		CONNECTOR, RECEPTACLE, ELECTRICAL: 1 male cont; IPC part 45925 (For authorized allowances see Group 3) Item Nos. J501 thru J505, J508, J601, J902, J903, J904, J1302 thru J1305, J4702, J4703, TP501, TP502, TP508, TP901, TP902, TP903, TP1301, TP1303, TP1305, TP1306, TP4702	27							See desc column
P F	5935-259-2039		CONNECTOR, RECEPTACLE, ELECTRICAL: 7 female cont; Amphenol type 26 (For authorized allowances see Group 3)	3						J602, P701, P705	
P F	5935-636-5913		CONNECTOR, RECEPTACLE, ELECTRICAL: 7 male cont; Amphenol type 26 (For authorized allowances see Group 3)	3						J603, J1301, P707	
P F	5935-655-1215		CONNECTOR, RECEPTACLE, ELECTRICAL: 8 male cont; Amphenol part 26-4402-8P	1		1.0		0.3	4.0	J701	
P F	5935-257-8683		CONNECTOR, RECEPTACLE, ELECTRICAL: 9 female cont; Amphenol part 126-013 (For authorized allowances see Group 3)	2						P703, P708	

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D			OA-2180/FRT-51 (continued)								
P F	5935-201-2449		CONNECTOR, RECEPTACLE, ELECTRICAL: 9 male cont; Amphenol part 26-012 (For authorized allowances see Group 3)			2					J901, J4701
P F	5935-204-7705		CONNECTOR, RECEPTACLE, ELECTRICAL: 16 female cont; Amphenol part 26-4401-16S (For authorized allow- ances see Group 6)			1					J706
P F	5935-227-8997		CONNECTOR, RECEPTACLE, ELECTRICAL: 18 female cont; Winchester Electronics part MRE-18S-G (For authorized allowances see Group 3)			2					P702, P704
P F	5935-283-7098		CONNECTOR, RECEPTACLE, ELECTRICAL: 18 male cont; Winchester Electronics part MRE-18P-G (For authorized allowances see Group 3)			2					J506 J702
P F	5955-566-6623		CRYSTAL UNIT, QUARTZ: 1000.000 kc; Collins part/dwg 290-3435-00			1	1.0	0.3	4.0		Y601
P O R	5805-677-0224		DIVIDER, FREQUENCY: 25KC input freq; two 5kc and three 1 kc output freq; 12.6 vac, 50/60 cyc, 1 ph, 300 vdc; Collins part/dwg 543-8618-015		NX	1	0.7	0.2	4.0		
P O	5805-677-0223		DIVIDER, FREQUENCY: 1 mc input freq; one 100 kc and two 300 kc output freq; 12.6, 6.3 vac, 50/60 cyc, 1 ph, 300 vdc; Collins part/dwg 543-8582-014		NX	1	0.7	0.2	4.0		
P O	5960-262-0152		ELECTRON TUBE: MIL type 6AU6WA (For authorized allowances see Group 3) Item Nos. V501, V601 thru V605, V4701			7					See desc column
P O	5960-262-0167		ELECTRON TUBE: MIL type 12AT7WA (For authorized allowances see Group 3) Item Nos. V502, V902, V1301, V1302, V4702, V4703			6					See desc column
P O	5960-264-2089		ELECTRON TUBE: MIL type 5749/6BA6W (For authorized allowances see Group 3)			2					V503, V504



SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEFECT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D			OA-2180/PRT-51 (continued)								
P O	5960-264-3002		ELECTRON TUBE: MIL type 5750/5BE6W (For authorized allowances see Group 3)			1					V901
P O	5960-193-5145		ELECTRON TUBE: MIL type 5751			1	4.4	2.2	100.0		V606
P O	5960-669-6861		ELECTRON TUBE: MIL type 6005/6AQ5W			2	17.6	8.8	2000.0		V607 V608
P F	5915-577-9021		FILTER, BANDPASS: 1.5 kc operating freq; 100,000 ohm input, 90,000 ohm output; Freed Transformer part 27138			1	1.0	0.3	4.0		24702
P O R	5805-677-0220		GENERATOR, REFERENCE SIGNAL: three 100 kc, two 25 kc, two 250 kc output freq; 100 kc input freq; 6.3, 12.6 vac, 50/60 cyc, 1 ph, 300 vdc; Collins part/dwg 543-8617-015		NX	1	0.7	0.2	4.0		
P O R	5805-677-0221		GENERATOR, REFERENCE SIGNAL: 1 kc input freq; 1.5 kc and 4.5 kc out- put freq; 6.3, 12.6 vac, 300 vdc; Collins part/dwg 543-8583-014		NX	1	0.7	0.2	4.0		
P F	5935-201-7922		JACK, TIP: insulated; Sealelectro part SKT-1 (For authorized allowances see Group 3) Item Nos. TP503, TP504, TP506, TP507, TP520, TP601, TP920, TP1311 TP1312, TP4701, TP4703			51					See desc column
P O	5355-584-4316		KNOB: setscrew type; rd; 1 in od x 7/8 in thk; Collins part/dwg 543-5087-002 (For authorized allow- ances see Group 3)			1					0705
P O	5820-652-8916		KNOB: threaded stud type; rd; 7/8 in od x 19/32 in thk; Collins part/dwg 543-8509-002			4	2.3	0.7	8.0		0701 thru 0704
P F	5310-646-7606		NUT, FLAIN, ROUND: 1/4 in dia x 3/8 in lg; 4-40 NC-2B thd; Collins part/dwg 541-0058-002			3	1.9	0.6	7.0		H633
P F R	5805-677-0228		OSCILLATOR, RADIO FREQUENCY: 1 mc freq; 6.3 vac, 50/60 cyc, 1 ph; Collins part/dwg 543-8620-016		NX	1	0.7	0.2	4.0		

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D			OA-2180/FRT-51 (Continued)								
P F	5955-615-5523		OVEN, CRYSTAL: +65 deg C Temp; 0 to 35 vac, 2250 cps, 1 ph; Collins part/dwg 541-0096-004			1	1.0	0.3	4.0		A623
P F	5950-518-2056		REACTOR: 500 uh inductance, 600 ohm dc resistance coil data; HS; Triad Transformer part EC500-HS			1	1.0	0.3	4.0		L603
P F	5820-678-0930		REACTOR: 2.5 ma dc rating coil data; HS; Freed Transformer part 25907			1	1.0	0.3	4.0		Z503
P F	5820-647-1151		REACTOR-TRANSFORMER: 80,000 ohms pri impedance tapped at 2000 ohms, 2000 ohms center tapped pri impedance; Freed Trans part 26892			1	1.0	0.3	4.0		Z4701
P F	5905-252-4018		RESISTOR, FIXED, COMPOSITION: 47 ohm ±5%; 1/2w; MIL type RC20GF470J (For authorized allowances see Group 3)			4					R4708 R4712 R4714 R4719
P F	5905-190-8889		RESISTOR, FIXED, COMPOSITION: 100 ohm ±5%; 1/2w; MIL type RC20GF101J (For authorized allowances see Group 3)			4					R502 R511 R521 R622
P F	5905-279-1756		RESISTOR, FIXED, COMPOSITION: 150 ohm ±10%; 1/2w; MIL type RC20GF151K (For authorized allowances see Group 3)			3					R607 R612 R903
P F	5905-655-1270		RESISTOR, FIXED, WIRE WOUND: 200 ohm ±5%; 25w; Sage Electronics type Silicohm 'M'			1	1.3	0.4	4.0		R641
P F	5905-256-0409		RESISTOR, FIXED, COMPOSITION: 220 ohm ±10%; 1/2w; MIL type RC20GF221K (For authorized allowances see Group 3)			1					RL320
P F	5905-192-3973		RESISTOR, FIXED, COMPOSITION: 470 ohm ±10%; 1/2w; MIL type RC20GF471J (For authorized allowances see Group 3)			1					R618
P F	5905-615-8055		RESISTOR, FIXED, WIRE WOUND: 500 ohm ±5%; 25w; Sage Electronic type silicohm 'M'			1	1.3	0.4	4.0		R643

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D											
P F	5905-195-6806		OA-2180/FRT-51 (continued) RESISTOR, FIXED, COMPOSITION: 1000 ohm $\pm 5\%$ ; 1/2w; MIL type RC20GF102J (For authorized allowances see Group 3)			1					R526
P F	5905-542-9792		RESISTOR, FIXED, FILM: 1960 ohm $\pm 1\%$ ; 1/2w; IRC type MDC			1	1.3	0.4	4.0		R4724
P F	5905-171-2009		RESISTOR, FIXED, COMPOSITION: 2200 ohm $\pm 10\%$ ; 1/2w; MIL type RC20GF222K (For authorized allowances see Group 3)			1					R631
P F	5905-299-2044		RESISTOR, FIXED, COMPOSITION: 2200 ohm $\pm 10\%$ ; 1w; MIL type RC32GF222K (For authorized allowances see Group 3)			3					R642 R4709 R4710
P F	5905-195-6741		RESISTOR, FIXED, COMPOSITION: 2700 ohm $\pm 10\%$ ; 1/2w; MIL type RC20GF272K (For authorized allowances see Group 3)			1					R609
P F	5905-279-3837		RESISTOR, FIXED, COMPOSITION: 2700 ohm $\pm 10\%$ ; 1w; MIL type RC32GF272J			2	1.9	0.6	12.0		R508 R1314
P F	5905-195-6451		RESISTOR, FIXED, COMPOSITION: 4700 ohm $\pm 10\%$ ; 1/2w; MIL type RC20GF472K (For authorized allowances see Group 3)			4					R528 R604 R610 R646
P F	5905-299-2037		RESISTOR, FIXED, COMPOSITION: 4700 ohm $\pm 10\%$ ; 1w; MIL type RC32GF472K (For authorized allowances see Group 3) Item Nos. R504, R507, R512, R516, R614, R904, R1313, R1317			8					See desc column
P F	5905-185-8518		RESISTOR, FIXED, COMPOSITION: 10,000 ohm $\pm 10\%$ ; 1/2w; MIL type RC20GF103K (For authorized allowances see Group 3) (Item Nos. R620, R626, R639, R640, R4707, R4711)			6					See desc column
P F	5905-615-7709		RESISTOR, FIXED, FILM 14,700 ohm $\pm 1\%$ ; 1/4w; IRC type MDB (For authorized allowances see Group 3)			1					R1324

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A	B	C	D								
P	5905-190-8876		OA-2180/FRT-51 (continued) RESISTOR, FIXED, COMPOSITION: 15000 ohm $\pm 10\%$ ; 1/2w; MIL type RC20GF153K (For authorized allowances see Group 3)	1		1					R4702
P	5905-299-2028		RESISTOR, FIXED, COMPOSITION: 15000 ohm $\pm 5\%$ ; 1w; MIL type RC32GF153J (For authorized allowances see Group 3)	2		2					R4705 R4706
P	5905-615-7708		RESISTOR, FIXED, FILM: 17,800 ohm; 1/4w; IRC type MDB	1		1	1.3	0.4	4.0		R514
P	5905-171-2004		RESISTOR, FIXED, COMPOSITION: 22,000 ohm $\pm 5\%$ ; 1/2w; MIL type RC20GF223J (For authorized allowances see Group 3) Item Nos. R522, R608, R613, R618, R619	5		5					See desc column
P	5905-249-4233		RESISTOR, FIXED, COMPOSITION: 22,000 ohm $\pm 10\%$ ; 2w; MIL type RC42GF223K (For authorized allowances see Group 3)	1		1					R905
P	5905-552-7195		RESISTOR, FIXED, FILM: 23,700 ohm $\pm 1\%$ 1/2w; IRC type MDC	1		1	1.3	0.4	4.0		R603
P	5905-279-3499		RESISTOR, FIXED, COMPOSITION: 27,000 ohm $\pm 5\%$ ; 1/2w; MIL type RC20GF273J (For authorized allowances see Group 3)	1		1					R902
P	5905-299-2020		RESISTOR, FIXED, COMPOSITION: 27000 ohm $\pm 5\%$ ; 1w; MIL type RC32GF273J (For authorized allowances see Group 3)	1		1					R4717
P	5905-249-4243		RESISTOR, FIXED, COMPOSITION: 27000 ohm $\pm 10\%$ ; 2w; MIL type RC42GF273K	3		3	2.5	0.8	12.0		R506 R1312 R1316
P	5905-556-3771		RESISTOR, FIXED, FILM: 31,600 ohm $\pm 1\%$ 1/4 w; MIL type RN69B3162F	2		2	1.9	0.6	8.0		R519 R523
P	5905-171-1998		RESISTOR, FIXED, COMPOSITION: 33000 ohm $\pm 5\%$ ; 1/2w; MIL type RC20GF333J	2		2	1.9	0.6	8.0		R628 R647



SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D			OA-2180/FRT-51 (continued)								
P F	5905-279-2675		RESISTOR, FIXED, COMPOSITION: 33000 ohm $\pm 5\%$ ; 2w; MIL type RC42GF33J (For authorized allowances see Group 3)			1					R645
P F	5905-615-8089		RESISTOR, FIXED, FILM: 46,400 ohm $\pm 1\%$ 1/4w; IRC type MDB			1	1.3	0.4	4.0		R518
P F	5905-102-2440		RESISTOR, FIXED, COMPOSITION: 47000 ohm $\pm 10\%$ ; 1/2w; MIL type RC20GF473K Item Nos. R509, R520, R617, R621, R629, R633, R635, R636, R1315, R1318			10					See desc column
P F	5905-299-2014		RESISTOR, FIXED, COMPOSITION: 47000 ohm $\pm 10\%$ ; 1w; MIL type RC32GF473K (For authorized allowances see Group 3)			5					R503, R513 R517 R509 R510 R4713
P F	5905-190-8873		RESISTOR, FIXED, COMPOSITION: 47000 ohm $\pm 10\%$ ; 2w; MIL type RC42GF473K (For authorized allowances see Group 3)			1					R602
P F	5905-553-2193		RESISTOR, FIXED, FILM: 61,900 ohm $\pm 1\%$ 1/2w; IRC type MDC			1	1.3	0.4	4.0		R4721 R4722
P F	5905-249-3661		RESISTOR, FIXED, COMPOSITION: 68000 ohm $\pm 5\%$ ; 1/2w; MIL type RC20GF68J (For authorized allowances see Group 3)			2					See desc column
P F	5905-195-6761		RESISTOR, FIXED, COMPOSITION: 100,000 ohm $\pm 5\%$ ; 1/2w; MIL type RC20GF104J (For authorized allowances see Group 3) Item Nos. R510, R424, R525, R615, R632, R637, R638, R906, R907, R908, R1311, R1319, R4701			13					R4704 R4720
P F	5905-299-2004		RESISTOR, FIXED, COMPOSITION: 100,000 ohm $\pm 10\%$ ; 1w; MIL type RC32GF104K (For authorized allowances see Group 3)			2					R601
P F	5905-552-2442		RESISTOR, FIXED, FILM: 100,000 ohm $\pm 1\%$ ; 1/2w; IRC type MDC			1	1.3	0.4	4.0		

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D			OA-2180/FRT-51 (continued)								
P F	5905-192-0662		RESISTOR, FIXED, COMPOSITION: 180,000 ohm $\pm 10\%$ ; 1/2w; MIL type RC20GF184K			3	2.5	0.8	12.0		R1321 thru R1323
P F	5905-192-9260		RESISTOR, FIXED, COMPOSITION: 150,000 ohm $\pm 10\%$ ; 1/2w; MIL type RC20GF154K (For authorized allowances see Group 3)			2					R505 R515
P F	5905-192-0667		RESISTOR, FIXED, COMPOSITION: 220,000 ohm $\pm 5\%$ ; 1/2w; MIL type RC20GF224J			1	1.3	0.4	4.0		R644
P F	5905-295-3409		RESISTOR, FIXED, COMPOSITION: 220,000 ohm $\pm 10\%$ ; 1/2w; MIL type RC20GF224K (For authorized allowances see Group 3)			1					R1310
P F	5905-190-8885		RESISTOR, FIXED, COMPOSITION: 270,000 ohm $\pm 5\%$ ; 1/2w; MIL type RC20GF274J (For authorized allowances see Group 3) Item Nos. R527, R912, R913, R4715, R4716, R4718, R4723			7					See desc column
P F	5905-553-2203		RESISTOR, FIXED, FILM: 464,000 ohm $\pm 1\%$ ; 1/2w; IRC type MDC			1	1.3	0.4	4.0		R606
P F	5905-279-2515		RESISTOR, FIXED, COMPOSITION: 470,000 ohm $\pm 5\%$ ; 1/2w; MIL type RC20GF474J (For authorized allowances see Group 3) Item Nos. R611, R627, R630, R901, R911, R914, R915			7					Seedesc column
P F	5905-192-3982		RESISTOR, FIXED, COMPOSITION: 1 meg $\pm 10\%$ ; 1/2w; MIL type RC20GF105K (For authorized allowances see Group 3)			3					R501 R634 R4703
P F	5905-279-1865		RESISTOR, FIXED, COMPOSITION: 10 meg $\pm 5\%$ ; 1/2w; MIL type RC20GF106J			1	1.3	0.4	4.0		R605
P F	5905-615-8092		RESISTOR, VARIABLE: comp; 2500 ohm $\pm 20\%$ ; 2w; CTS type 95			2	1.9	0.6	6.0		R701 R702
P F	5960-842-3525		SEMICONDUCTOR DEVICE, DIODE: MIL type 1N198 (For authorized allowances see Group 3) Item Nos. CR501, CR502, CR601, CR4701			4					See desc column

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D			OA-2180/FRT-51 (continued)								
P F	5960-826-7794		SEMICONDUCTOR DEVICE, DIODE SET: match type; Philco part 354-1809-1 Item Nos. CR1303A, CR1303B, CR1304A, CR1304B			4	2.3	0.7	20.0		See desc column
P J	5960-295-7652		SHIELD, ELECTRON TUBE: accom 6AQ5 type tube; Collins part/dwg 541-6552-003 (For authorized allowances see Group 3)			2					E607 E608
P O	5960-564-4772		SHIELD, ELECTRON TUBE: accom 6AU6 type tube; Collins part/dwg 541-6551-003 (For authorized allowances see Group 3) Item Nos. E501, E503, E504, E601 thru E605, E901, E4701			10					See desc column
P O	5960-564-4755		SHIELD ELECTRON TUBE: accom 12AU7 type tube; Collins part/dwg 541-6554-003 (For authorized allowances see Group 3) Item Nos. E502, E606, E902, E1301, E1302, E4702, E4703			7					See desc column
P O	5960-613-1757		SHIELD ELECTRON TUBE: base liner; 2-5/16 in lg x 13/32 in w; 7 tabs; Collins part/dwg 541-6532-003 (For authorized allowances see Group 3) E513, E514, E515, E615 thru E622, E913, E4716			12					See desc column
P O	5820-651-2698		SHIELD ELECTRON TUBE: base liner; 2-25/32 in lg x 13/32 in w; 8 tabs; Collins part/dwg 541-6533-003 (For authorized allowances see Group 3) Item Nos. E516, E623, E914, E1309, E1310, E4717, E4718			7					See desc column
P F	5935-260-0516		SOCKET ELECTRON TUBE: min; 7 pin cont; Jan type TS102P01 (For authorized allowances see Group 3) (Item Nos. XV501, XV504, XV603, XV604, XV605, XV607 XV608, XV901, XV4701			10					See desc column
P F	5935-160-1365		SOCKET ELECTRON TUBE: type E noval cont; JAN type TS103P01 (For auth- orized allowances see Group 3) Item Nos. XV502, XV606, XV902, XV1301, XV1302, XV4702, XV4703			7					See desc column

OA-2180/FRT-51

SELMS 003 TF  
1 Jun 63

89

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D											
P F	5935-232-3758		OA-2180/FRT-51 (continued) SOCKET ELECTRON TUBE: min., 7 pin cent JAN type TS103001			2	1.5	0.5	10.0		XV601, XV602
P F	5935-129-9358		SOCKET, ELECTRON TUBE: octal type; JAN type TS101P02 (Authorized allow- ances based on a total of 2)			1	1.0	0.3	5.0		XY601
P F	5930-655-1906		SWITCH, ROTARY: 2 sect; 12 positions, max no. of switching positions; 4 moving cont, 29 fixed cont; 4 poles 11 throws; Oak Mfg type F			1	1.0	0.3	5.0		S701
P F	5950-648-5745		TRANSFORMER, AUDIO FREQUENCY: plate coupling type; 12000 ohm center tapped pri impedance, 600 ohm center tapped sec impedance; Chic Std Trans part 15064			1	1.0	0.3	5.0		T601
P F	5950-655-0262		TRANSFORMER, AUDIO FREQUENCY: HS; 50,000 ohm pri impedance; 1000 ohm sec impedance; Freed Trans type 25906			1	1.0	0.3	5.0		Z1302
P F	5950-649-9277		TRANSFORMER, AUDIO FREQUENCY: 50,000 ohm pri impedance, 10,000 sec im- pedance; Freed Trans type 25903			1	1.0	0.3	5.0		Z1304
P F	5950-655-0564		TRANSFORMER, AUDIO FREQUENCY: 50,000 ohms pri impedance, 100,000 ohm center tapped sec impedance; Freed Trans part 25904			1	1.0	0.3	5.0		Z1305
P F	5950-655-0258		TRANSFORMER, AUDIO FREQUENCY: 75000 ohms pri impedance, 100,000 ohms center tapped sec impedance; Freed Trans type 25905			1	1.0	0.3	5.0		Z1303
P F	5950-652-5583		TRANSFORMER, AUDIO FREQUENCY: 200,000 ohms pri impedance; Freed Trans part 26893			1	1.0	0.3	5.0		Z4703



SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D			OA-2180/FRT-51 (continued)								
P F	5950-655-0555		TRANSFORMER, POWER, STEP-DOWN: HS; pri, 115v, 50 to 60 cyc; 1 ph; secd (a) 6.3v, 3a; (b) 6.3v, 3a; Audio trans part A8347 (For authorized allowances see Group 4)			1					T701
P F	5950-655-0256		TRANSFORMER, RADIO FREQUENCY: 156 turns; Collins part/dwg 543-8537-002			1	1.0	0.3	5.0		L502
P F	5820-615-5953		TUNING UNIT, RADIO FREQUENCY: 75 kc freq; Collins part/dwg 543-8587-004			1	1.0	0.3	5.0		Z501
P F	5820-615-5954		TUNING UNIT, RADIO FREQUENCY: 100 kc freq; Collins part/dwg 543-8589-004			1	1.0	0.3	5.0		Z504
P F	5820-578-1379		TUNING UNIT, RADIO FREQUENCY: 100 kc freq; Collins part/dwg 543-8590-004			1	1.0	0.3	5.0		Z505
P F	5820-578-1854		TUNING UNIT, RADIO FREQUENCY: 100 kc freq; Collins part/dwg 543-8593-004			1	1.0	0.3	5.0		Z901
P F	5820-655-0321		TUNING UNIT, RADIO FREQUENCY: 250 kc freq; Collins part/dwg 543-8588-004			1	1.0	0.3	5.0		Z502
P F	5820-615-5910		TUNING UNIT, RADIO FREQUENCY: 250 kc freq; Collins part/dwg 543-8591-004			1	1.0	0.3	5.0		Z506
P F	5820-615-5907		TUNING UNIT, RADIO FREQUENCY: 250 kc freq; Collins part/dwg 543-8592-004			1	1.0	0.3	5.0		Z507
P F	5820-615-5939		TUNING UNIT, RADIO FREQUENCY: 900 kc freq; Collins part/dwg 543-8594-004			1	1.0	0.3	5.0		Z902
P F	5820-578-1868		TUNING UNIT, RADIO FREQUENCY: 900 kc freq; Collins part/dwg 543-8595-004			1	1.0	0.3	5.0		Z903
			GROUP 9 POWER SUPPLY PP-3564/FRT-51								
P F	6625-585-5431		ANMETER; panel type; O-14 left to right; Collins part/dwg 458-0451-00			1	1.0	0.3	5.0		M2301

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D											
P O	5920-502-9983		OA-2180/FRT-51 (continued) CAP, ELECTRICAL: plastic; 1-11/16 in lg x .820 in dia; cap for fusehold-er; Bussman type HKL-JRZ Item Nos. XF2301A, XF2302A, XF2303A, XF2304A, XF2306A, XF2307A, XF2308A, XF2309A, XF2310A			9	4.0	1.4	27.0		See deac column
P O	5920-690-9850		CAP, ELECTRICAL: 1-3/16 in lg x 11/16 in dia; Collins part/dwg 265-1092-00			1	1.3	0.3	5.0		XF2305A
P H	5910-543-9570		CAPACITOR, FIXED, PAPER DIELECTRIC: 47000 uuf ±20%; 600 vdcw; Sprague part P85240			1		0.3	5.0		C2312
P F	5910-553-7321		CAPACITOR, FIXED, PAPER DIELECTRIC: 100,000 uuf ±20%; 400 vdcw; Sprague part P85226 (For authorized allowances see Group 3)			2					C1702 C2315
P F	5910-655-0099		CAPACITOR, FIXED, PAPER DIELECTRIC: 150,000 uuf ±20%; 600 vdcw; Sprague part P85243			1	1.0	0.3	5.0		C2303
P F	5910-577-9085		CAPACITOR, FIXED, PAPER DIELECTRIC: 470,000 uuf ±20%; 600 vdcw; Sprague type 186P---T15			2	1.5	0.5	10.0		C2311 C2313
P H	5910-543-9565		CAPACITOR, FIXED, PAPER DIELECTRIC: 3.5 uf ±20%; 300 vdcw; Collins part/dwg 931-1541-00 (For authorized allowances see Group 3)			2					C2309 C2310
P F	5910-667-5233		CAPACITOR, FIXED, PAPER DIELECTRIC: 10 uf ±10%; 600 vdcw; Sprague part P50477			2	1.5	0.5	10.0		C2301 C2302
P F	5910-543-9566		CAPACITOR, FIXED, PAPER DIELECTRIC: 15 uf ±10%; 600 vdcw; Sprague part P50477			4	2.3	0.7	20.0		C2305 thru C2308
P F	5910-577-1173		CAPACITOR, FIXED, ELECTROLYTIC: 750 uf; 50 vdcw; MIL type CE41C751G			1	1.7	0.5	8.0		C2304
P F	5340-598-6780		CLAMP LOOP: nylon; Burndy Eng part HP-6N (For authorized allowances see Group 3)			3					H2302

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D			OA-2180/FRT-51								
P F	5340-598-0296		CLAMP LOOP: nylon; Burndy Eng part HP-7N (For authorized allowances see Group 1)			1					H2350
P F	5340-598-0496		CLAMP LOOP: nylon; Burndy Eng part HP-8N (For authorized allowances see Group 1)			6					H2303
P F	5340-336-8164		CLAMP LOOP: nylon; Burndy Eng part HP-10N (For authorized allowances see Group 1)			3					H2304
P F	5935-552-3608		CONNECTOR, RECEPTACLE, ELECTRICAL: 32 male cont; Amphenol part 26-4403-32P			1	1.0	0.3	6.0		J2301
P O	5960-188-3564		ELECTRON TUBE: MIL type OA2			1	8.8	4.4	100.0		V2305
P O	5960-166-7648		ELECTRON TUBE: MIL type OB2			1	8.8	4.4	100.0		V2304
P O	5960-262-1703		ELECTRON TUBE: MIL type 5R4WGA			1	8.8	4.4	100.0		V2301
P O	5960-230-5307		ELECTRON TUBE: MIL type 6CB6 (For authorized allowances see Group 3)			2					V2306 V2308
P O	5960-296-2464		ELECTRON TUBE: MIL type 6012			2	17.6	8.8	200.0		V2302 V2303
P O	5960-543-1001		ELECTRON TUBE: MIL type 6080WA			1	4.4	2.2	100.0		V2309
P O	5920-284-9493		FUSE, CARTRIDGE: 1/8 amp; 250 vdc; time delay; MIL type F02B25OV1-8AS			1	4.5	1.6	30.0		F2303
P O	5920-199-9498		FUSE, CARTRIDGE: 1/2 amp; 250vdc; time delay; MIL type F02GR500B			3	5.2	1.9	60.0		F2306 F2307 F2310
P O	5920-284-6804		FUSE, CARTRIDGE: 3/4 amp; 250 vdc; time delay; MIL type F02B25OV3-4AS			1	4.5	1.6	30.0		F2308
P O	5920-280-4465		FUSE, CARTRIDGE: 1 amp; 250 vdc; time delay; MIL type F02B25OV1AS			2	5.2	1.9	50.0		F2305 F2309
P O	5920-280-5020		FUSE, CARTRIDGE: 1-1/2 amp; 125 vdc; time delay; MIL type F02B25OV11-2AS			1	4.5	1.6	30.0		F2301

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
									FIGURE NO.	ITEM NO.
A B C D			OA-2180/FRT-51 (continued)							
P O	5920-131-9821		FUSE, CARTRIDGE: 3 amp; 125 vdc; time delay; MIL type F02B125V3AS		2	5.2	1.9	50.0		F2302 F2304
P F	5920-577-8615		FUSEHOLDER: 3.2v; 20 amp; Buss type HKR-JRZ		1	1.3	0.4	3.0		XF2305
P F	5920-504-6728		FUSEHOLDER: 250v; 20 amp; Buss type HKL-JRZ Item Nos. XF2301 thru XF2304, XF2306 thru XF2310		9	4.5	1.6	18.0		See desc column
P O	5355-584-4316		KNOB: rd; setscrew type; aluminum; black; Collins part/dwg 543-5087-002 (For authorized allow- ances see Group 3)		1					02301
P H	5310-619-2133		NUT, PLAIN, HEXAGON: 5/16-24 UNF class 2Bthd; Collins part /dwg 334-0249-00		4	2.3	0.7	10.0		H2321
P H	5310-584-7518		NUT, PLAIN, HEXAGON: 3/8-32 NEF class 2; Collins part/dwg 334-4120-00		3	1.9	0.6	8.0		H2322
P F	5950-655-0253		REACTOR: 0.04 hy min inductance, 1 amp dc current rating 1.0 ohm dc resistance; HS; Audio Dev Co part A8344		1	1.0	0.3	5.0		L2303
P F	5950-655-0233		REACTOR: 1.6 uh inductance, 3/4 amp dc current rating, 15.5 ohm dc re- sistance; Audio Dev Co part A8345		2	1.5	0.5	6.0		L2304 L2305
P F	5950-519-4494		REACTOR: 8 uh inductance, 55 ma dc current rating, 255 ohm dc resis- tance; HS; Ohio Std Trans Corp part RH1055(mod)		1	1.0	0.3	5.0		L2306
P F	5950-539-0039		REACTOR: 12 uh inductance, 170 ma dc current rating, 200 ohm dc resist- ance; Freed Trans part 25549		2	1.5	0.5	6.0		L2301 L2302
P F	6130-655-2174		RECTIFIER, METALLIC: 40v rms max in- put, 6 amp max dc current output rating; 28 vdc nom output; Collins part/dwg 545-7795-00		1	1.0	0.3	5.0		

94



SOURCE CODE	FEDERAL STOCK NUMBER				DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
	A	B	C	D									FIGURE NO.	ITEM NO.
P F						OA-2180/PRT-51 (continued)			1	1.0	0.3	5.0		CR2301
						RECTIFIER, METALLIC: 35v rms max in- put rating; 20 amp max dc current output rating; 31 vdc max output voltage; GE part 4JA3511FB1A1								
P F						RECTIFIER, METALLIC: 396v rms max in- put rating; 160 vdc max output ra- ting; Fansteel part E41042			2	1.5	0.5	7.0		CR2302 CR2303
P F						RELAY, ARMATURE: 115v, 5 amp; 28v, 150 ma; AMECO type R-83			1	1.0	0.3	5.0		K2302
P F						RELAY, ARMATURE: 115v, 10 amp; 115v 150 ma; AEMCO type R-83			1	1.0	0.3	5.0		K2301
P F						RELAY, MOTOR DRIVEN: 28v max rated voltage; AEMCO type MAR-72			1	1.0	0.3	5.0		K2303
P F						RESISTOR, FIXED, COMPOSITION: 100 ohm ±5%; 2w; MIL type RC42GF10J			1	1.3	0.4	4.0		R2301
P F						RESISTOR, FIXED, WIRE WOUND: 100 ohm ±5%; 25w; Dale Prod type RH-25			1	1.3	0.4	4.0		R2302
P F						RESISTOR, FIXED, COMPOSITION: 330 ohm ±10%; 2w; MIL type RC42GF33K			1	1.3	0.4	4.0		R2309
P F						RESISTOR, FIXED, COMPOSITION: 390 ohm ±10%; 2w; MIL type RC42GF39K			1	1.3	0.4	4.0		R2308
P F						RESISTOR, FIXED, COMPOSITION: 1000 ohm ±10%; 1w; MIL type RC32GF102K (For authorized allowances see Group 3)			4					R2304 thru R2307
P F						RESISTOR, FIXED, WIRE WOUND: 1000 ohm ±5%; 25w; Dale Prod type RH-25 (For authorized allowances see Group 6)			1					R2338
P F						RESISTOR, FIXED, WIRE WOUND: 3000 ohm ±5%; 25w; Sage Elect Corp type silicohm '1W'			1	1.3	0.4	4.0		R2320
P F						RESISTOR, FIXED, WIRE WOUND: 5000 ohm ±5%; 25w; Sage Elect Corp type Silicohm '1W' (Authorized allowan- ces based on a total of 4)			2	1.9	0.6	7.0		R2310 R2339

SELM 003 TP  
1 Jun 63

OA-2180/PRT-51

95

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
									FIGURE NO.	ITEM NO.
A B C D			OA-2180/FRT-51 (continued)							
P F	5905-192-0626		RESISTOR, FIXED, COMPOSITION: 12000 ohm $\pm 10\%$ ; 2w; MIL type RC42GF123K		1	1.3	0.4	4.0		R2328
P F	5905-171-1976		RESISTOR, FIXED, COMPOSITION: 15000 ohm $\pm 5\%$ ; 2w; MIL type RC42GF153J. (For authorized allowances see Group 3)		1					R2324
P F	5905-539-2333		RESISTOR, FIXED, FILM: 47500 ohm $\pm 1\%$ ; 1/2w; IRC type MDC		2	1.9	0.6	7.0		R2331 R2334
P F	5905-553-2197		RESISTOR, FIXED, FILM: 56,200 ohm $\pm 1\%$ 1/2w; MIL type RN70B5622F (For authorized allowances see Group 3)		1					R2333
P F	5905-615-7722		RESISTOR, FIXED, FILM: 78,700 ohm $\pm 1\%$ ; 1/4w; MIL type RN65B7872F		2	1.9	0.6	7.0		R2312 R2313
P F	5905-254-7096		RESISTOR, FIXED, COMPOSITION: 82000 ohm $\pm 5\%$ ; 2w; MIL type RC42GF823J Item Nos. R2332, R2323, R2326, R2327		4	2.6	0.8	12.0		See desc column
P F	5905-195-6761		RESISTOR, FIXED, COMPOSITION: 100,000 ohm $\pm 5\%$ ; 1/2w; MIL type RC20GF104J (For authorized allowances see Group 3)		2					R2330 R2337
P F	5905-542-8837		RESISTOR, FIXED, FILM: 100,000 ohm $\pm 1\%$ ; 1w; MIL type RN75B1003F		1	1.3	0.4	4.0		R2336
P F	5905-615-7717		RESISTOR, FIXED FILM: 294,000 ohm $\pm 1\%$ 1/4w; IRC type MDB		1	1.3	0.4	4.0		R2319
P F	5905-556-7824		RESISTOR, FIXED, FILM: 348000 ohm $\pm 1\%$ ; 1/4w; MIL type RN65B3483F		1	1.3	0.4	4.0		R2317
P F	5905-577-1867		RESISTOR, FIXED FILM: 422,000 ohm $\pm 1\%$ ; 1/4w; MIL type RN65B4323F		1	1.3	0.4	4.0		R2316
P F	5905-279-2515		RESISTOR, FIXED, COMPOSITION: 470,000 ohm $\pm 5\%$ ; 1/2w; MIL type RC20GF474J (For authorized allowances see Group 3)		2					R2325 R2329
P F	5905-615-8088		RESISTOR, FIXED, FILM: 619,000 ohm $\pm 1\%$ ; 1/4w; MIL type RN65B6193F		1	1.3	0.4	4.0		R2318

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A B C D			OA-2180/FRT-51 (continued)								
P F	5905-578-9060		RESISTOR, FIXED FILM: 845,000 ohm $\pm 1\%$ 1/4w; IRC type WDB			2	1.9	0.6	6.0		R2314 R2315
P F	5905-615-8094		RESISTOR, VARIABLE: 1000 ohm $\pm 20\%$ ; 1w CTS type 90			2	1.9	0.6	12.0		R2332 R2335
P F	5960-543-1882		RETAINER, ELECTRON TUBE: tube clamp; Birtcher Corp part 926Q7			1	1.0	0.3	3.0		H2301
P F	5960-241-2909		RETAINER, ELECTRON TUBE: special, 1-3/8 in dia tube base retained; Times Fac part No. 3			3	1.9	0.6	6.0		H2349
P O	5960-295-7652		SHIELD, ELECTRON TUBE: accom 6AQ5 tube; Collins part/dwg 541-6552-003 (For authorized allowances see Group 3)			2					E2304 E2305
P O	5960-564-4772		SHIELD, ELECTRON TUBE: accom 6AU6 tube; Collins part/dwg 541-6551-003 (For authorized allowances see Group 3)			2					E2306 E2308
P O	5960-613-1757		SHIELD ELECTRON TUBE: 2-15/16 in lg x 13/32 in w x 0.005 in thk; Collins part/dwg 541-6532-003 (For author- ized allowances see Group 3)			4					E2318 thru E2321
P F	5935-260-0517		SOCKET ELECTRON TUBE: octal type JAN type TS101P01 (For authorized allowances see Group 4)			4					XV2301 XV2302 XV2303 XV2309
P F	5935-260-0516		SOCKET ELECTRON TUBE: JAN type TS102P01 (For authorized allowances see Group 3) (Item Nos. XV2304, XV2305, XV2306, XV2308)			4					See desc column
P F	5820-619-3371		SPRING, HELICAL EXTENSION: ss; 3/16 in id x 1/4 in od x 1.604 in lg; Collins part/dwg 340-0022-00 (For authorized allowances see Group 3)			2					02304 02305
P F	5930-577-8617		SWITCH, ROTARY: 3 sect; 2 moving cont; 18 fixed cont; 2 pole, 6 throws; Oak type F			1	1.0	0.3	5.0		S2301

OA-2180/FRT-51

917

SOURCE CODE	FEDERAL STOCK NUMBER			DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
	A	B	C D									FIGURE NO.	ITEM NO.
P F					OA-2180/FRT-51 (continued)			1	1.0	0.3	5.0		T2302
					TRANSFORMER, POWER, STEP-DOWN: HS; pri wnd 115v, 50 to 60 cps; 1 ph; sec wnd 36v tapped at 30v, 32v and 34v, 7 amp; Audio Dev part A8371								
P F					TRANSFORMER, POWER, STEP-DOWN: HS; pri wnd 115v, 50 to 60 cps, 1 ph; sec wnd 6.3v CT, 5.25 amp; Audio Dev part A8369			2	1.5	0.5	7.0		T2303 T2306
P F					TRANSFORMER, POWER, STEP-UP: HS; pri wnd 115v, 50 to 60 cps, 1 ph; sec wnd 740v CT, 0.75 amp; Audio Dev A8346			1	1.0	0.3	5.0		T2304
P F					TRANSFORMER, POWER, STEP-UP: pri wnd, 115v, 50 to 60 cps, 1 ph; sec wnd, 350v CT, 20 ma; Audio Dev type 8613			1	1.0	0.3	5.0		T2305
P F					TRANSFORMER, POWER, STEP-UP AND STEP- DOWN: HS; pri wnd, 115v, 50 to 60 cps, 1 ph; sec wnd 940v CT; 170 ma, 5v; Audio Dev part A8370			1	1.0	0.3	5.0		T2301
P F					GROUP 10 TRANSFORMER ASSEMBLY TF-425/FRT-51 (Automatic Control, Line Voltage)			2	1.5	0.5	6.0		09505 09506
P F					BUSHING, MACHINE THREAD: 3/8-32 NF class 2; Collins part/dwg 545-2930-002			2					09506 09507
P F					CAPACITOR, FIXED, CERAMIC DIELECTRIC; 10,000 uuf +100%, -20%; 500 vdcw; MIL type CK63Y103K (For authorized allowances see Group 3)			2	2.6	0.8	10.0		09504 09505
P F					CAPACITOR, FIXED, ELECTROLYTIC: 12 uuf; 150vdc; GE part 29F526G4			2	2.6	0.8	10.0		09502 09503
P F					CAPACITOR, FIXED, ELECTROLYTIC: 1.3 uf; 150 vdc; GE part 29F477			3					H9542
P F					CLAMP, LOOP: nylon Burndy part HP-3N (For authorized allowances see Group 3)								



SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
										FIGURE NO.	ITEM NO.
A	B	C	D								
P F	5340-598-0383		OA-2180/PRT-51 (continued) CLAMP, LOOP: cable; nylon; Burndy part HP-4N (For authorized allow- ances see Group 3)			2					H9453
P F	5340-285-7729		CLAMP, LOOP: cable; nylon; Burndy part HP-5N (For authorized allow- ances see Group 3)			5					H9544
P F	5340-598-6780		CLAMP, LOOP: cable; nylon; Burndy part HP-6N (For authorized allowa- nces see Group 3)			4					H9532
P F	5935-665-8347		CONNECTOR, PLUG, ELECTRICAL: 8 female cont; Amphenol part 26-4501-8S			1	1.0	0.3	6.0		P9502
P F	5935-149-5438		CONNECTOR, RECEPTACLE, ELECTRICAL: 4 male cont; Hubbell part 7408 (For authorized allowances see Group 6)			1					J9501
P F	5935-660-6914		CONNECTOR, RECEPTACLE, ELECTRICAL: 8 male cont; Amphenol part 26-4401-8P			1	1.0	0.3	6.0		J9502
P O	5960-262-3763		ELECTRON TUBE: MIL type OB2WA			2	17.6	8.8	200.0		V9501 V9502
P F	5355-543-0756		KNOB: rd; black phenolic; set-screw type; General Radio part KNS-12			1	1.0	0.3	6.0		Q9515
P F	5945-685-8604		RELAY, ARMATURE: cont arrangement 1K; 28vdc; 0.5 amp; HS; Barbar, Colman part AYLZV-4888s			1	1.0	0.3	6.0		K9501
P F	5905-253-1213		RESISTOR, FIXED, COMPOSITION: 68 ohm ±10%; 2w; MIL type RC42GF680K			1	1.3	0.4	6.0		R9503
P F	5905-195-6806		RESISTOR, FIXED, COMPOSITION: 1000 ohm ±5%; 1/2w; MIL type RC20GF102J (For authorized allowances see Group 3)			1					R9508
P F	5905-120-0487		RESISTOR, FIXED, COMPOSITION: 33000 ohms ±10%; 1w; MIL type RC32GF33K (For authorized allowances see Group 3)			2					R9504 R9505

SOURCE CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT	ILLUSTRATION	
									FIGURE NO.	ITEM NO.
A B C D			OA-2180/PRT-51 (continued)							
P F	5905-295-4082		RESISTOR, FIXED, WIRE WOUND: 5000 ohm ±5%; 25w; Sage Elec Corp type Silicohm 11M11 (For authorized allowances see Group 9)		2					R9506 R9507
P F	5905-264-7368		RESISTOR, VARIABLE: ww; 250 ohm ±10%; 25w; MIL type RP101PD251KK		1	1.3	0.4	6.0		R9502
P F	5905-655-3787		RESISTOR, VARIABLE: comp; 100,000 ohms ±20%; 2w; MIL type RV4NAXSD104E		1	1.3	0.4	6.0		R9501
P F	5960-572-4526		SEMICONDUCTOR DEVICE, DIODE: Silicon; GE part 1N540		2	1.5	0.5	10.0		CR9501 CR9502
P O	5960-295-7652		SHIELD, ELECTRON TUBE: accom 6AQ5 tube; Collins part/dwg 541-6552-003 (For authorized allowances see Group 3)		2					E9501 E9502
P O	5960-613-1757		SHIELD, ELECTRON TUBE SOCKET: 2-5/16 in lg x 13/32 in w x 0.005 in thk; Collins part/dwg 541-6532-003 (For authorized allowances see Group 3)		2					E9503 E9504
P F	5935-260-0516		SOCKET, ELECTRON TUBE: JAN type TS102P01 (For authorized allowances see Group 3)		2					XV9501 XV9502
P F	5935-129-9358		SOCKET, ELECTRON TUBE: octal type: JAN type TS101P02 (For authorized allowances see Group 8)		1					XK9501
P F	5930-188-7250		SWITCH, TOGGLE: SPDT; JAN type ST42D		1	1.0	0.3	10.0		S9501
P F	5950-655-0248		TRANSFORMER, POWER, ISOLATION: HS; pri wnd 115v, 50 to 60 cps, 1 ph; secd wnd 115v, 3.9 amp; Audio Dev A9624		1	1.0	0.3	5.0		T9501
P F	5950-655-0244		TRANSFORMER, POWER, STEP-DOWN: HS; pri wnd 115v, 50 to 60 cps, 1 ph; secd wnd 23v, 8 amp; Audio Dev part A9625		1	1.0	0.3	5.0		T9502

SOURCE CODE	FEDERAL STOCK NUMBER				DESIGNATION BY MODEL	DESCRIPTION	UNIT OF ISSUE	EXP	QTY IN UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEFOT	ILLUSTRATION	
	A	B	C	D									FIGURE NO.	ITEM NO.
P F						OA-2180/FRT-51 (continued) TRANSFORMER, VARIABLE, POWER: autotrans former type; Input data 230v, 50 to 60 cps, 1 ph; output data 0-230v to 0-270v range 2.0 amp; GR part W5HD80KS			1	1.0	0.3	5.0		T9503
P F R						VOLTMETER: panel type; scale data 0 to 150v, left to right; Weston Model 1524 GROUP 11 TRANSFORMER ASSEMBLY TF-451/FRT-51			1	1.0	0.3	6.0		M9501
P F						CONNECTOR, RECEPTACLE, ELECTRICAL: 19 male cont; MIL type AN3102A-22-14P			1	1.0	0.3	10.0		J9601
P F						INSULATOR, STANDOFF: ceramic; 1/2 in lg x 3/8 in dia; American Lava part E-1706			2	1.5	0.5	5.0		E9601
P F						TRANSFORMER, AUDIO FREQUENCY: HS; 2-3/8 in h x 1-5/8 in lg x 1-5/8 w; Audio Dev part 123A			2	1.5	0.5	6.0		T9601 T9602

By Order of the Secretary of the Army:

HAROLD K. JOHNSON,  
*General, United States Army,*  
*Chief of Staff.*

Official:

J. C. LAMBERT,  
*Major General, United States Army,*  
*The Adjutant General.*

Distribution:

*Active Army:*

USASA (2)  
CNGB (1)  
OCC-E (7)  
Dir of Trans (1)  
CofEngrs (1)  
TSG (1)  
Cof SptS (1)  
USACDCCEA (1)  
USACDCCEA, Ft Monmouth (1)  
USACDCCBRA (1)  
USACDOA (1)  
USACDCQMA (1)  
USACDCTA (1)  
USACDCADA (1)  
USACDCARMA (1)  
USACDCAVNA (1)  
USACDCARTYA (1)  
USACDCSWA (1)  
USAMC (5)  
USCONARC (5)  
ARADCOM (2)  
ARADCOM Rgn (2)  
OS Maj Comd (4)  
LOGCOMD (2)  
MDW (1)  
Armies (2)  
Corps (2)  
USAC (3)  
USAMICOM (4)  
USASMC (2)  
USASCC (4)  
USA Tml Comd (1)  
11th Air Assault Div (3)  
Svc Colleges (2)  
Br Svc Sch (2) except  
USASCS (60)

USATC AD (2)  
USATC Armor (2)  
USATC Engr (2)  
USATC Inf (2)  
USASTC (2)  
WRAMC (1)  
USA Pic Cen (2)  
Instl (2) except Ft Monmouth (70)  
Ft Hancock (4) Ft Gordon (10)  
Ft Huachuca (10) WSMR (5)  
Army Dep (2) except LXAD, TOAD (14)  
SAAD (30) FTWOAD (10) LEAD, NAAD,  
SVAD (5) ATAD (4) SHAD, CHAD (3)  
GENDEP (2)  
Sig Sec, GENDEP (5)  
Sig Dep (12)  
Army Tml (1) except OART (5)  
Sig Fld Maint Shops (2)  
AMS (1)  
USAERDAA (2)  
USAERDAW (13)  
Units org under fol TOE: (2 ea UNOINDC)  
11-16  
11-57  
11-97  
11-98  
11-117  
11-155  
11-157  
11-500 AA-AE (4)  
11-557  
11-587  
11-592  
11-597

NG: None.

USAR: None.

For explanation of abbreviations used, see AR320-50.





Section 1: Introduction

Section 2: Methodology

Section 3: Results

Section 4: Discussion

Section 5: Conclusion

Section 6: Appendix A

Section 7: Appendix B

Section 8: Appendix C

Section 9: Appendix D

Section 10: Appendix E

Section 11: Appendix F

Section 12: Appendix G

Section 13: Appendix H

Section 14: Appendix I

Section 15: Appendix J

Section 16: Appendix K

Section 17: Appendix L

Section 18: Appendix M

Section 19: Appendix N

Section 20: Appendix O

Section 21: Appendix P

Section 22: Appendix Q

Section 23: Appendix R

Section 24: Appendix S

Section 25: Appendix T

Section 26: Appendix U

Section 27: Appendix V

Section 28: Appendix W

Section 29: Appendix X

Section 30: Appendix Y

Section 31: Appendix Z

Section 32: Appendix A

Section 33: Appendix B

Section 34: Appendix C

Section 35: Appendix D

Section 36: Appendix E

Section 37: Appendix F

Section 38: Appendix G

Section 39: Appendix H

Section 40: Appendix I

Section 41: Appendix J

Section 42: Appendix K

Section 43: Appendix L

Section 44: Appendix M

Section 45: Appendix N

Section 46: Appendix O

Section 47: Appendix P

Section 48: Appendix Q

Section 49: Appendix R

Section 50: Appendix S

Section 51: Appendix T

Section 52: Appendix U

Section 53: Appendix V

Section 54: Appendix W

Section 55: Appendix X

Section 56: Appendix Y

Section 57: Appendix Z

Section 58: Appendix A

Section 59: Appendix B

Section 60: Appendix C



TM 11-5820-215-35P MODULATOR-OSCILLATOR GROUP OA-2180/FRT-51-1964